

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000869.D
 Acq On : 04 Dec 2019 18:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/5/2019 2:58:38 PM

Quant Time: Dec 05 08:27:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	517079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	154433	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.73	113	148571	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.18	98	600734	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.48	95	212786	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	126805	41.383	ug/l	93
3) Chloromethane	2.11	50	172558	45.685	ug/l	97
4) Vinyl Chloride	2.25	62	170376	45.769	ug/l	100
5) Bromomethane	2.65	94	107602	47.777	ug/l	93
6) Chloroethane	2.80	64	106819	46.802	ug/l	96
7) Trichlorofluoromethane	3.13	101	233180	45.707	ug/l	96
8) Diethyl Ether	3.54	74	96626	50.323	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	144613	45.902	ug/l	99
10) Methyl Iodide	4.10	142	185148	46.677	ug/l	100
11) Tert butyl alcohol	4.97	59	73544	241.679	ug/l	99
12) 1,1-Dichloroethene	3.88	96	145678	46.676	ug/l	97
13) Acrolein	3.74	56	74255	247.714	ug/l	98
14) Allyl chloride	4.49	41	264337	49.395	ug/l	99
15) Acrylonitrile	5.18	53	251858	254.018	ug/l	98
16) Acetone	3.96	43	172365	248.416	ug/l	96
17) Carbon Disulfide	4.20	76	455999	45.174	ug/l	100
18) Methyl Acetate	4.49	43	142187	49.009	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	428895	51.456	ug/l	100
20) Methylene Chloride	4.72	84	178303	48.751	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	168578	47.521	ug/l	96
22) Diisopropyl ether	6.13	45	569382	51.766	ug/l	98
23) Vinyl Acetate	6.07	43	1748986	261.561	ug/l	100
24) 1,1-Dichloroethane	6.03	63	300067	49.498	ug/l	97
25) 2-Butanone	7.00	43	318434	248.440	ug/l	99
26) 2,2-Dichloropropane	6.99	77	239123	46.866	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	191857	50.033	ug/l	99
28) Bromochloromethane	7.35	49	130918	58.541	ug/l	95
29) Tetrahydrofuran	7.36	42	221976	261.349	ug/l	97
30) Chloroform	7.52	83	288339	47.413	ug/l	98
31) Cyclohexane	7.80	56	293103	45.640	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	240492	47.890	ug/l	100
36) 1,1-Dichloropropene	7.92	75	230618	44.856	ug/l	100
37) Ethyl Acetate	7.08	43	140700	47.395	ug/l	98
38) Carbon Tetrachloride	7.91	117	209055	45.658	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	303297	44.526	ug/l	99
40) Benzene	8.17	78	713794	47.663	ug/l	100
41) Methacrylonitrile	7.33	41	79510m	50.816	ug/l	
42) 1,2-Dichloroethane	8.25	62	196437	49.877	ug/l	99
43) Isopropyl Acetate	8.28	43	267919	47.891	ug/l	99
44) Trichloroethene	8.94	130	180767	46.968	ug/l	96
45) 1,2-Dichloropropane	9.22	63	184647	49.087	ug/l	97
46) Dibromomethane	9.31	93	97763	49.741	ug/l	99
47) Bromodichloromethane	9.50	83	227101	49.187	ug/l	98
48) Methyl methacrylate	9.30	41	117742	47.862	ug/l	94
49) 1,4-Dioxane	9.30	88	27861	1000.442	ug/l #	95
51) 4-Methyl-2-Pentanone	10.07	43	721384	249.572	ug/l	98
52) Toluene	10.25	92	445497	48.046	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	250871	50.574	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	290238	49.501	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	141746	48.814	ug/l	98
56) Ethyl methacrylate	10.51	69	209156	50.351	ug/l	98
57) 1,3-Dichloropropane	10.79	76	254684	50.323	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	386894	230.990	ug/l	100
59) 2-Hexanone	10.83	43	490179	232.728	ug/l	100
60) Dibromochloromethane	10.99	129	157124	50.264	ug/l	100
61) 1,2-Dibromoethane	11.09	107	136855	50.008	ug/l	98
64) Tetrachloroethene	10.72	164	191769	46.555	ug/l	95
65) Chlorobenzene	11.52	112	459260	46.601	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	160830	48.425	ug/l	99
67) Ethyl Benzene	11.59	91	858718	46.786	ug/l	98
68) m/p-Xylenes	11.70	106	640671	92.997	ug/l	99
69) o-Xylene	12.03	106	307073	47.805	ug/l	98
70) Styrene	12.04	104	534398	48.587	ug/l	99
71) Bromoform	12.20	173	92346	49.299	ug/l #	99
73) Isopropylbenzene	12.33	105	815739	46.779	ug/l	100
74) N-amyl acetate	12.14	43	236158	48.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	167355	48.707	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	122359m	49.311	ug/l	
77) Bromobenzene	12.61	156	181187	47.934	ug/l	98
78) n-propylbenzene	12.67	91	998749	46.907	ug/l	100
79) 2-Chlorotoluene	12.75	91	551343	46.872	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	681741	47.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	61462	48.655	ug/l	98
82) 4-Chlorotoluene	12.85	91	572188	47.215	ug/l	100
83) tert-Butylbenzene	13.08	119	568707	46.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	675968	46.796	ug/l	99
85) sec-Butylbenzene	13.25	105	829369	46.979	ug/l	99
86) p-Isopropyltoluene	13.37	119	723434	47.113	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	353153	47.626	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	349676	47.626	ug/l	100
89) n-Butylbenzene	13.69	91	729073	46.961	ug/l	99
90) Hexachloroethane	13.96	117	136695	48.326	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	325760	48.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27988	48.655	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	216358	47.938	ug/l	99
94) Hexachlorobutadiene	15.11	225	102168	45.658	ug/l	98
95) Naphthalene	15.23	128	513617	49.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	193278	47.943	ug/l	100

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

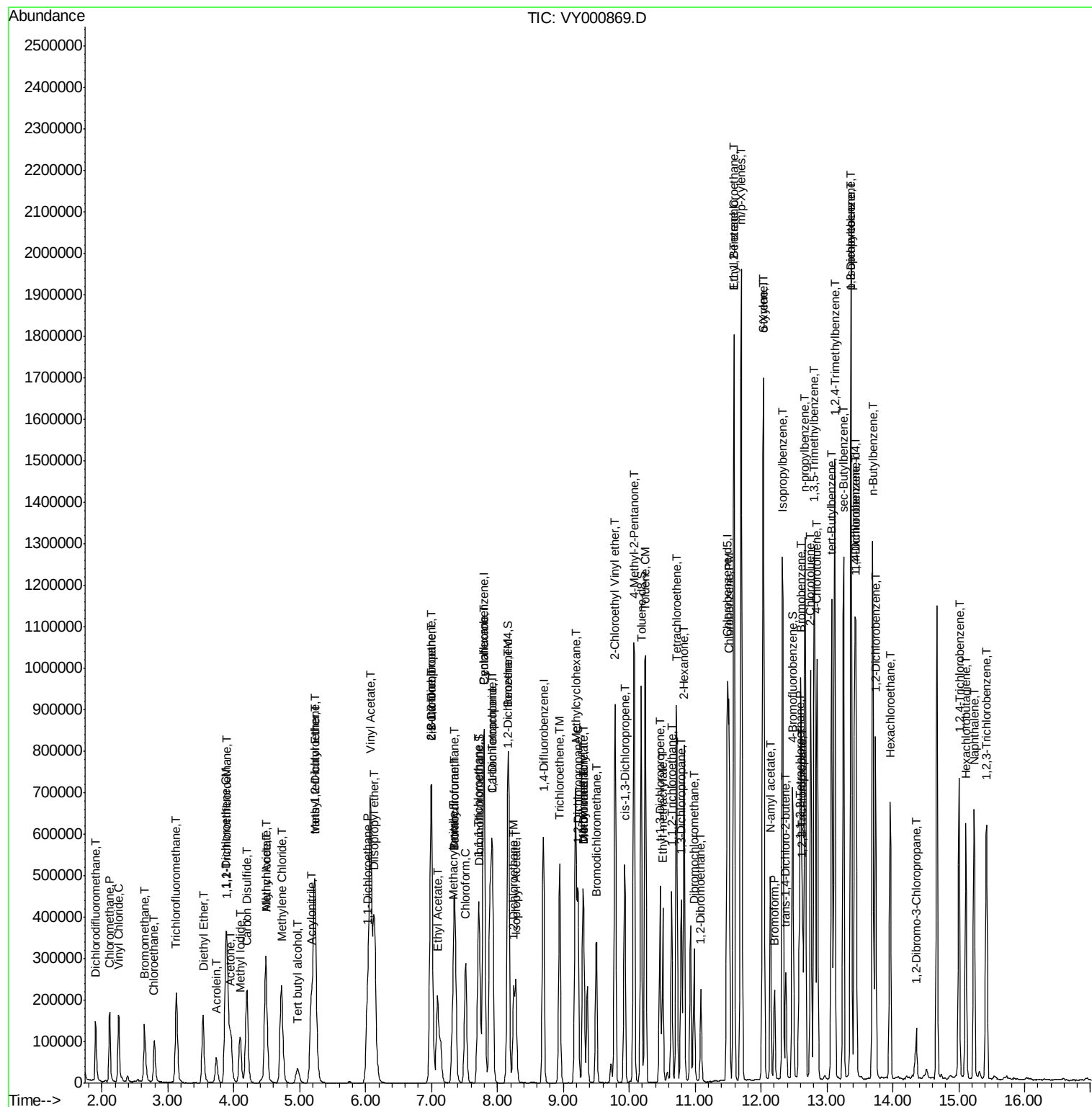
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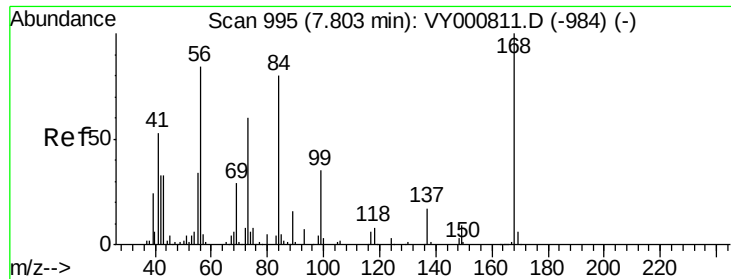
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 284652

Ion Ratio Lower Upper

168 100

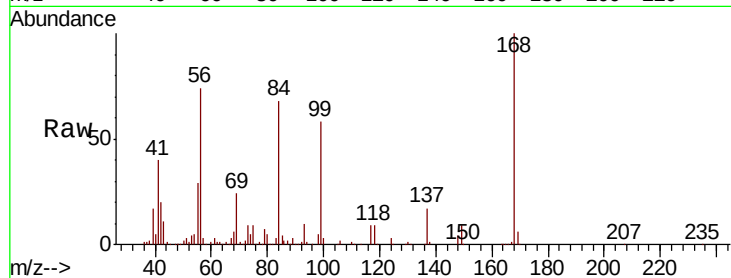
99 57.6 45.0 67.6

Manual Integrations

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

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

7.80

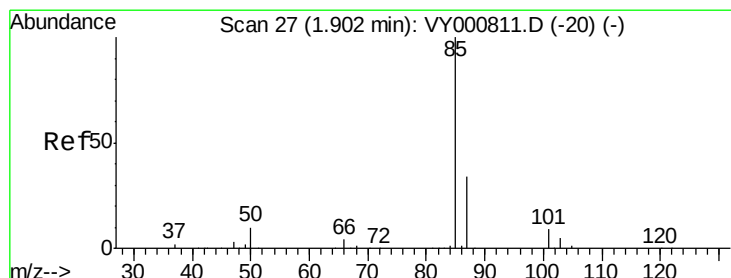
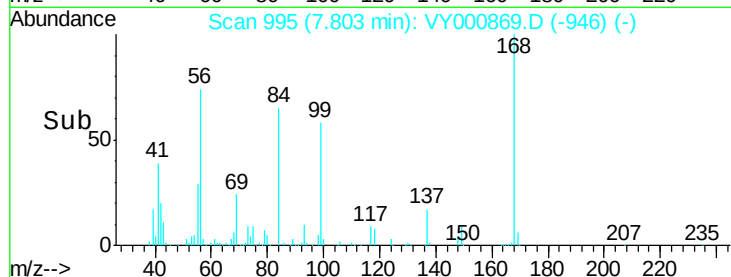
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.383 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000869.D

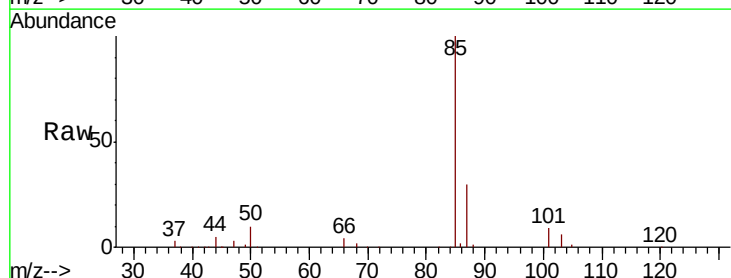
Acq: 04 Dec 2019 18:27

Tgt Ion: 85 Resp: 126805

Ion Ratio Lower Upper

85 100

87 29.7 16.8 50.3



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

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

1.90

80000

60000

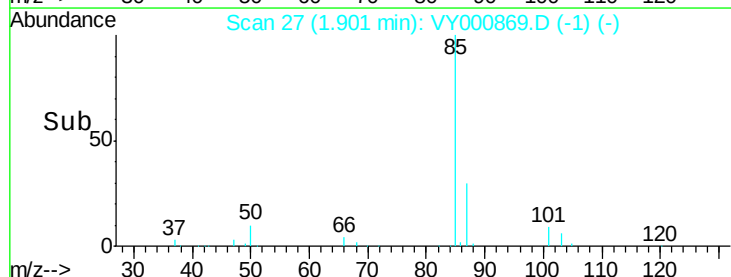
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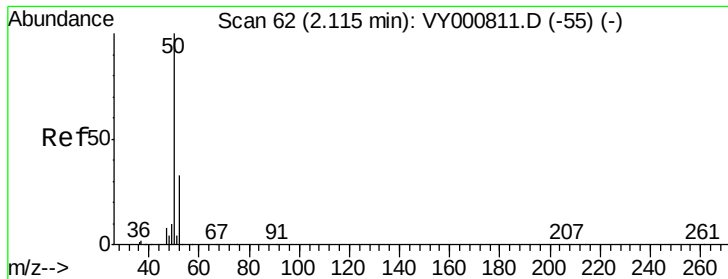
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.685 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 172558

Ion Ratio Lower Upper

50 100

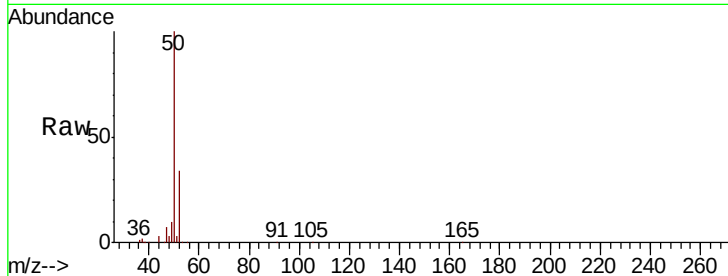
52 34.1 26.0 39.0

Manual Integrations

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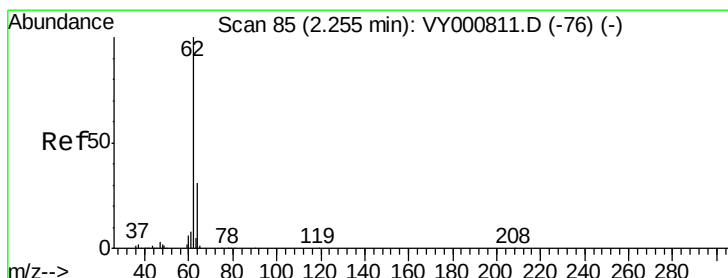
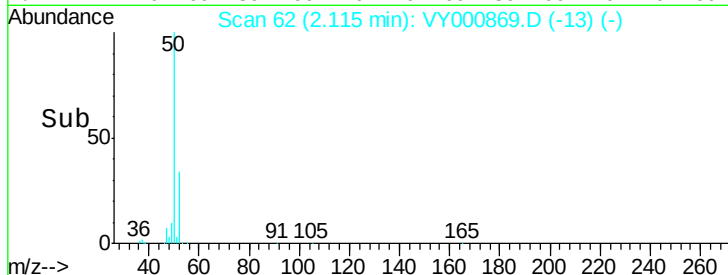
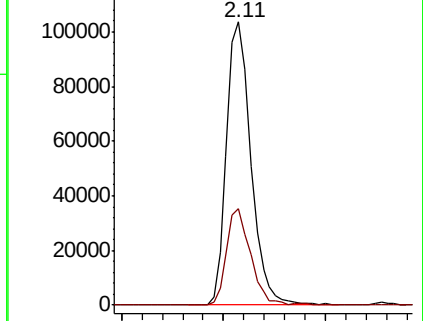
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.769 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000869.D

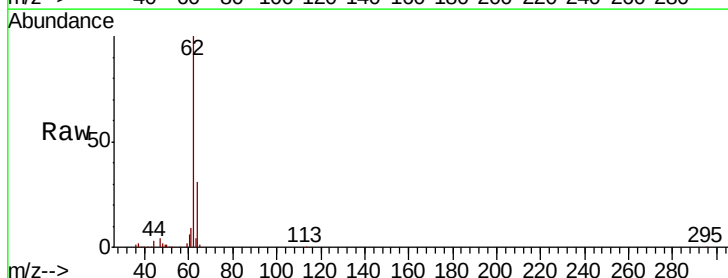
Acq: 04 Dec 2019 18:27

Tgt Ion: 62 Resp: 170376

Ion Ratio Lower Upper

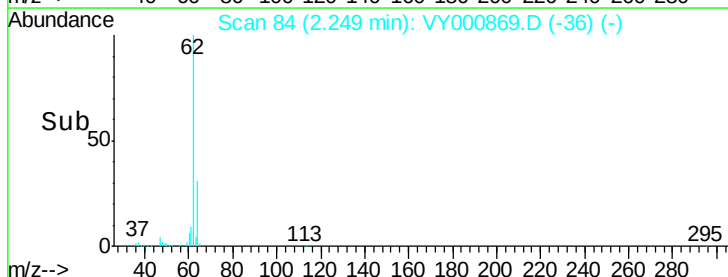
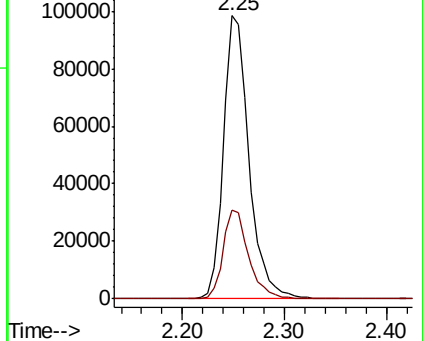
62 100

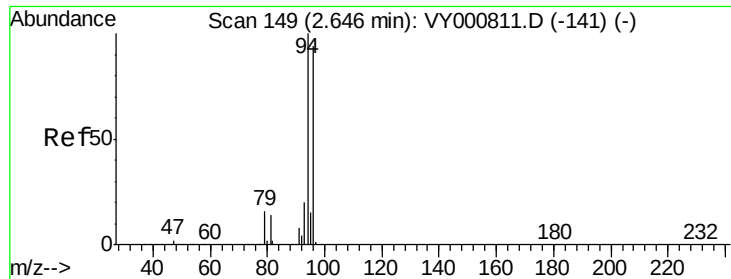
64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 47.777 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 107602

Ion Ratio Lower Upper

94 100

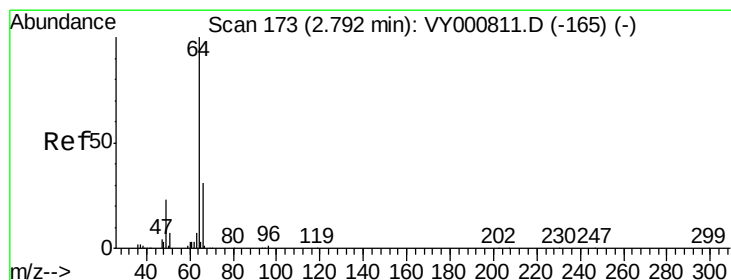
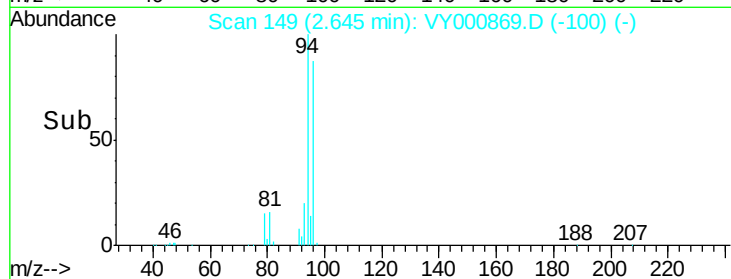
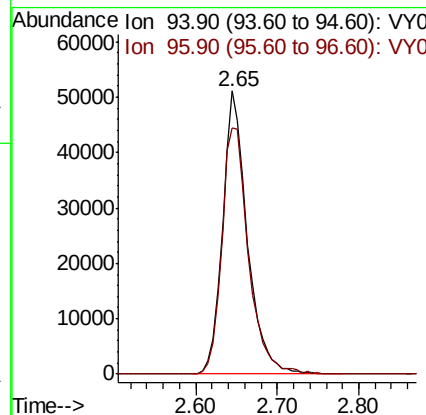
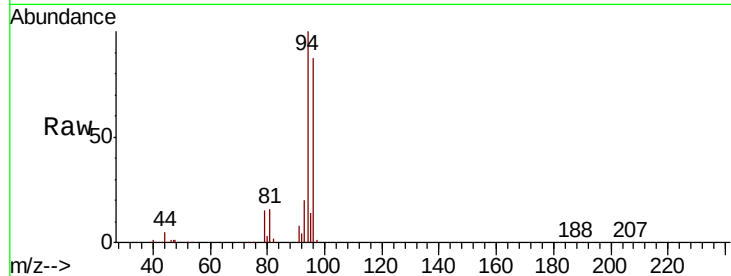
96 86.8 75.2 112.8

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#6

Chloroethane

Concen: 46.802 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000869.D

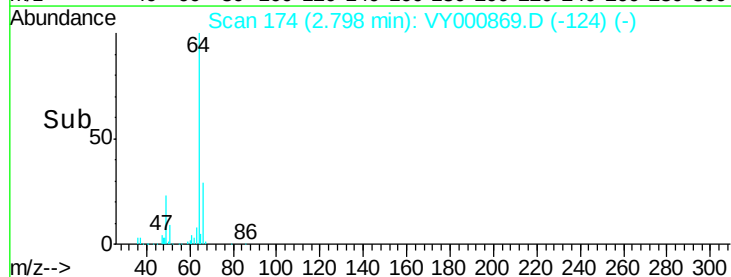
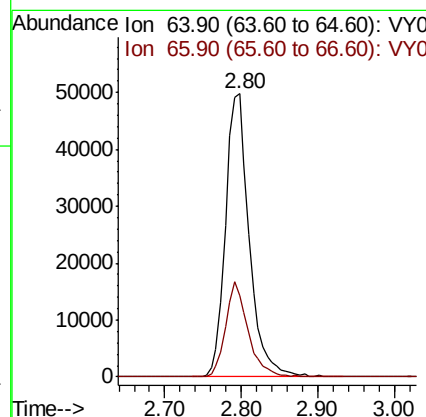
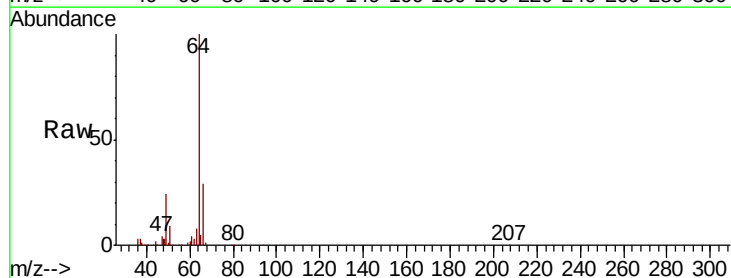
Acq: 04 Dec 2019 18:27

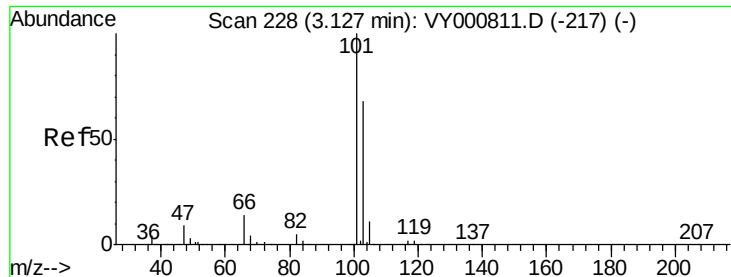
Tgt Ion: 64 Resp: 106819

Ion Ratio Lower Upper

64 100

66 28.8 25.0 37.4





#7

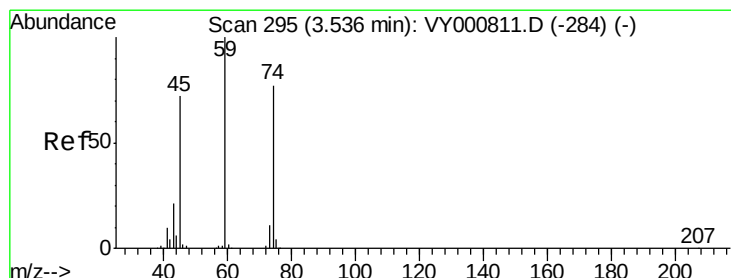
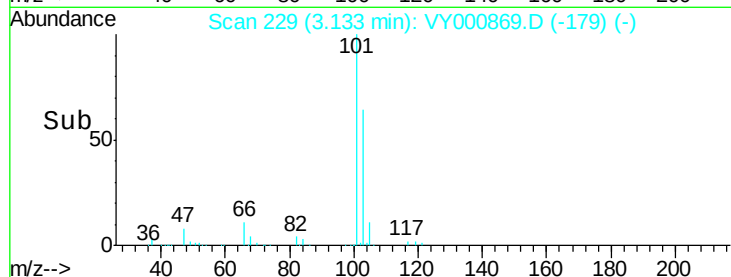
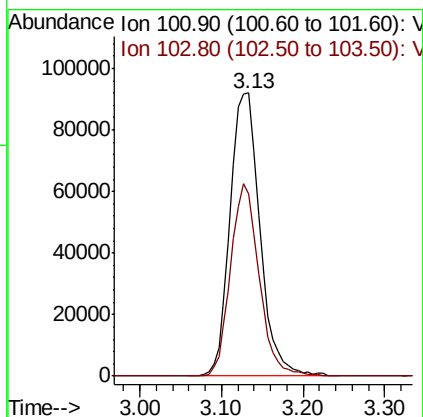
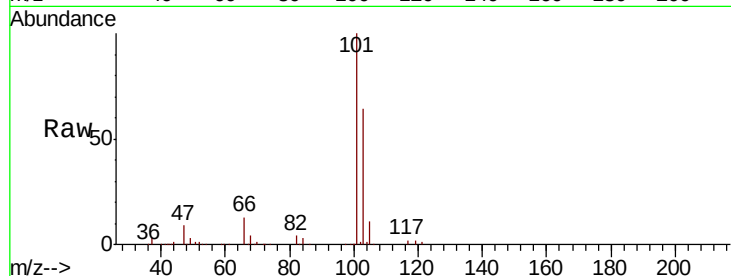
Trichlorofluoromethane
 Concen: 45.707 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	54.2	81.2

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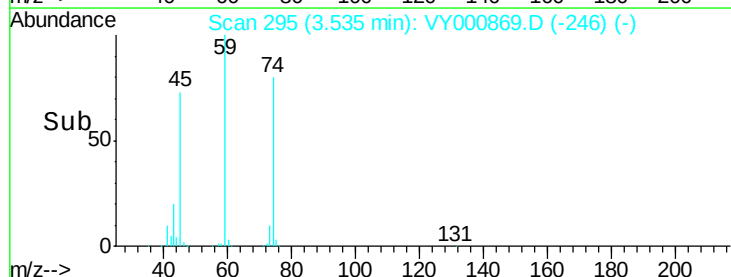
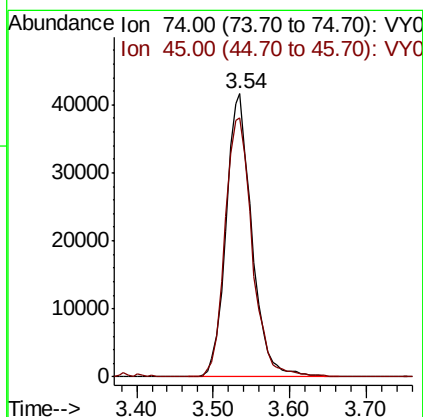
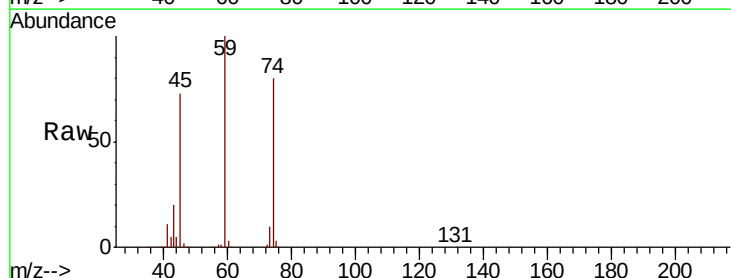
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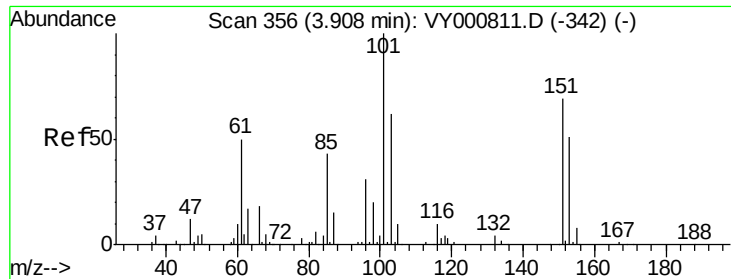


#8

Diethyl Ether
 Concen: 50.323 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.902 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

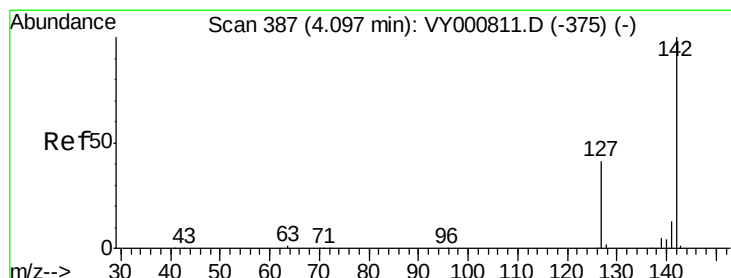
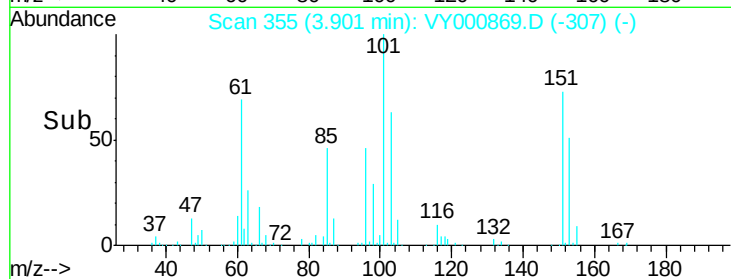
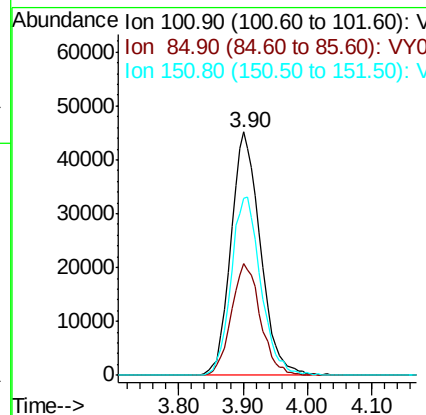
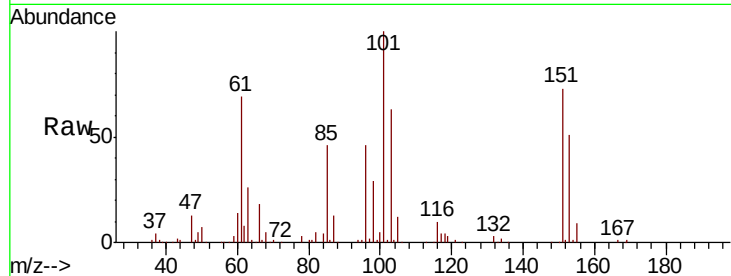
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	144613
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	74.1	58.2	87.2

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#10

Methyl Iodide

Concen: 46.677 ug/l

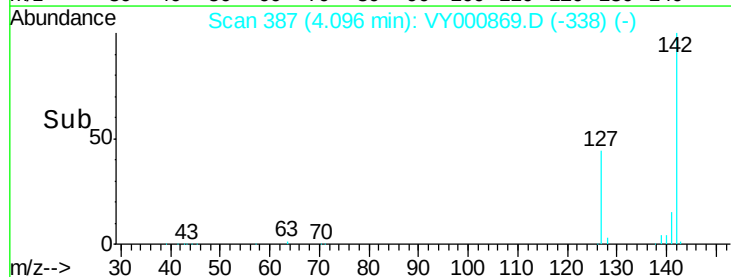
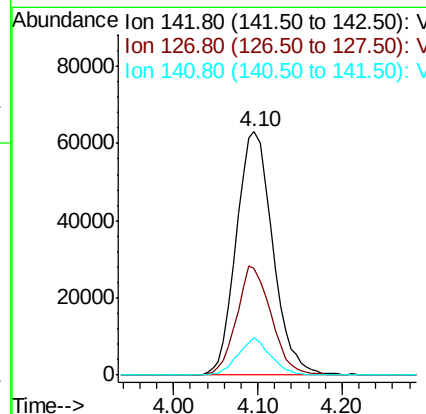
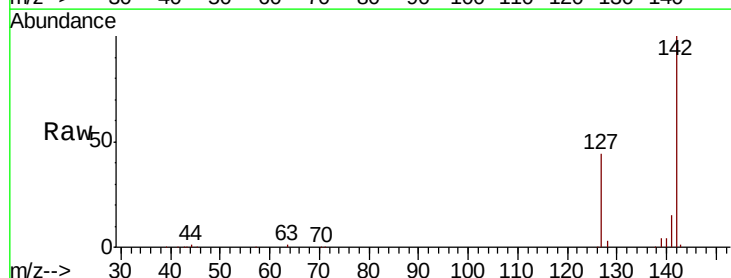
RT: 4.10 min Scan# 387

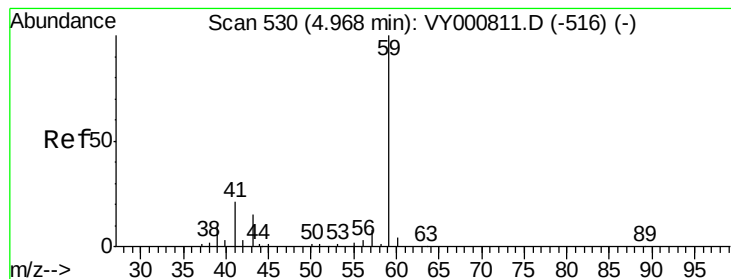
Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Tgt Ion:	142	Resp:	185148
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.8
141	13.8	10.9	16.3





#11

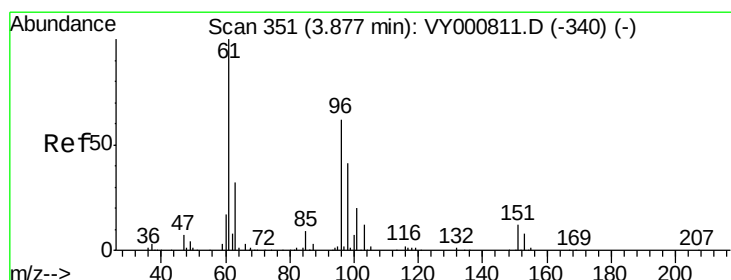
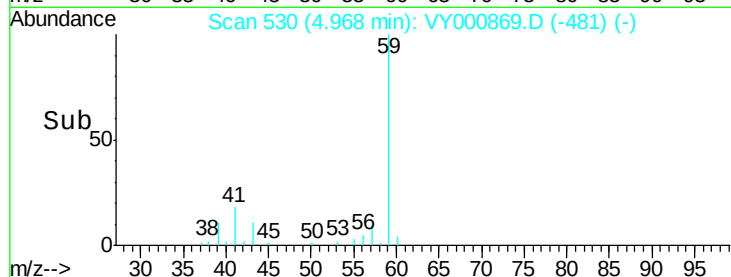
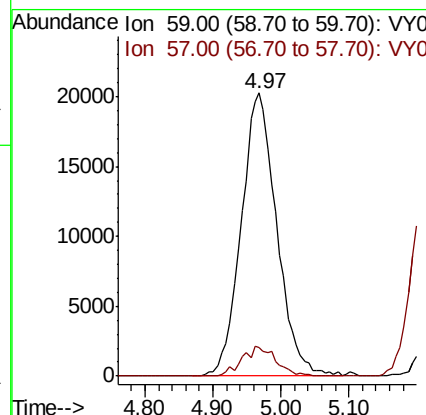
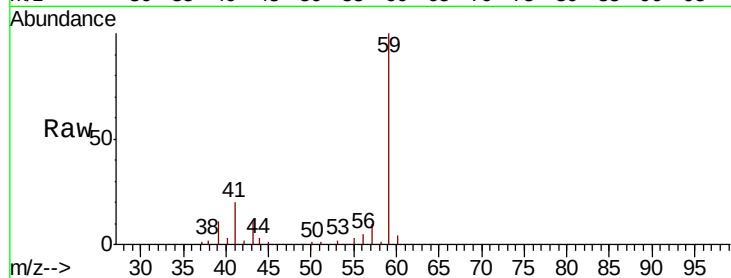
Tert butyl alcohol
 Concen: 241.679 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.1	Resp	73544	Lower	Upper

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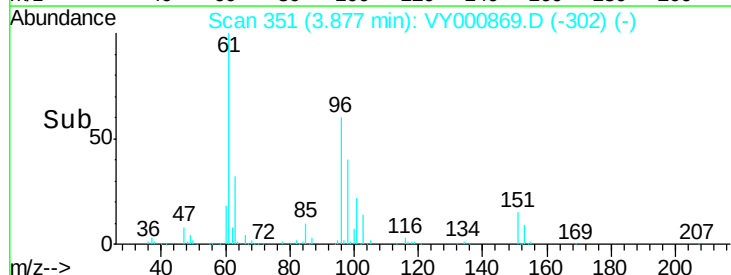
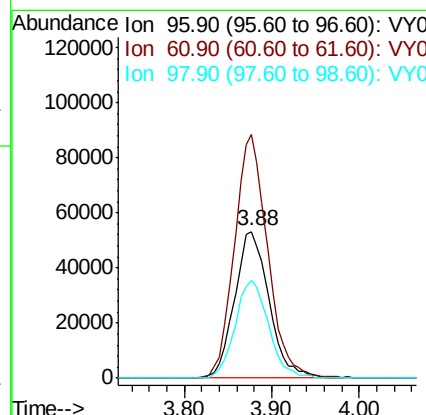
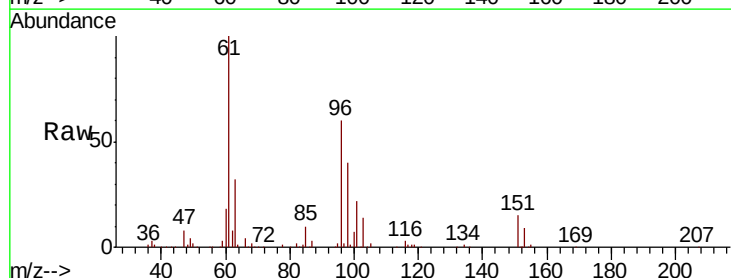
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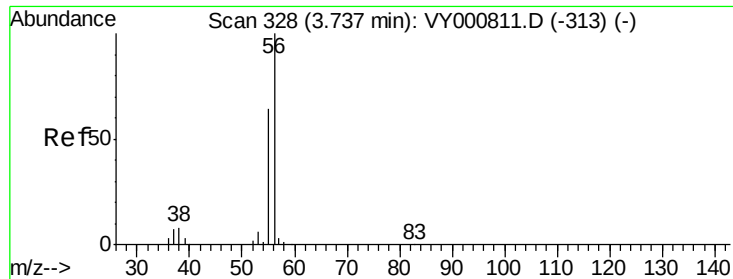


#12

1,1-Dichloroethene
 Concen: 46.676 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion	96	61	98	Ratio	100	166.4	67.1	Resp	145678	Lower	Upper





#13

Acrolein

Concen: 247.714 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 74255

Ion Ratio Lower Upper

56 100

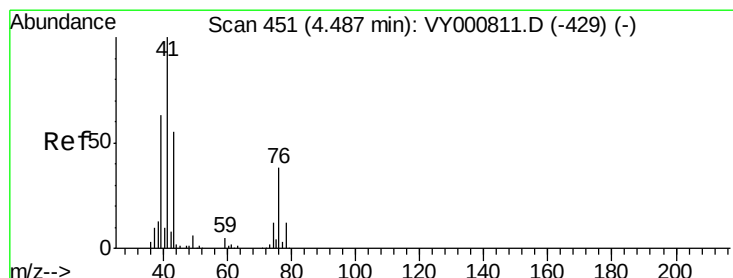
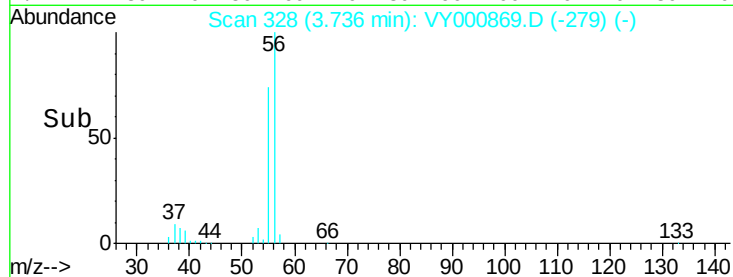
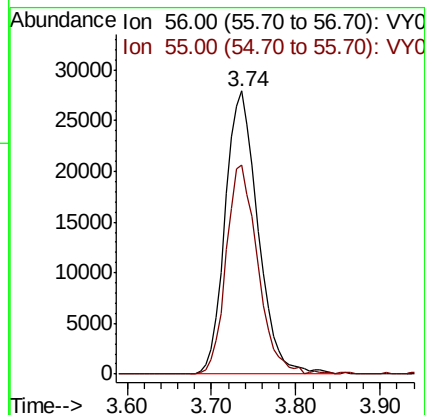
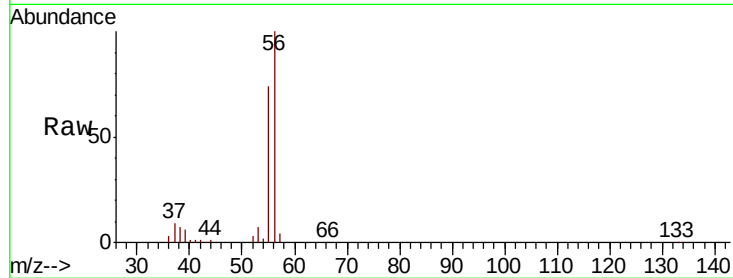
55 70.9 55.7 83.5

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#14

Allyl chloride

Concen: 49.395 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

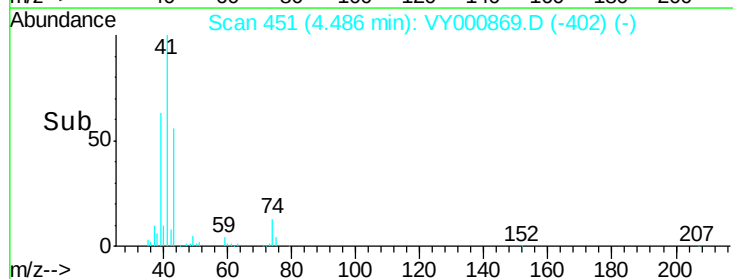
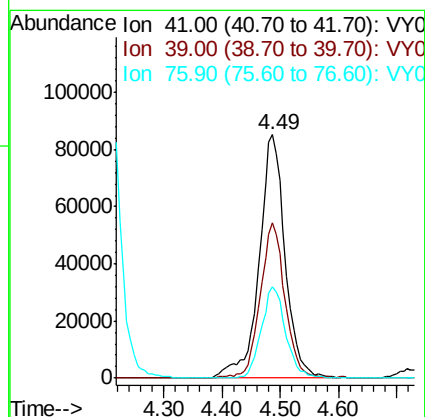
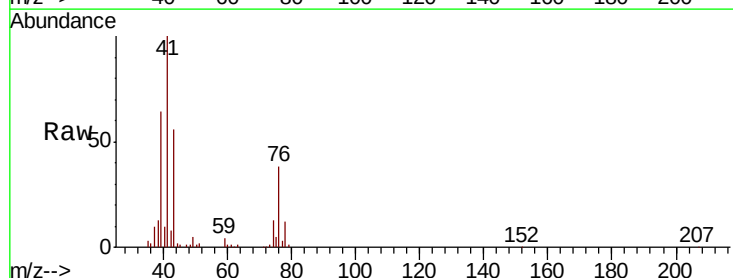
Tgt Ion: 41 Resp: 264337

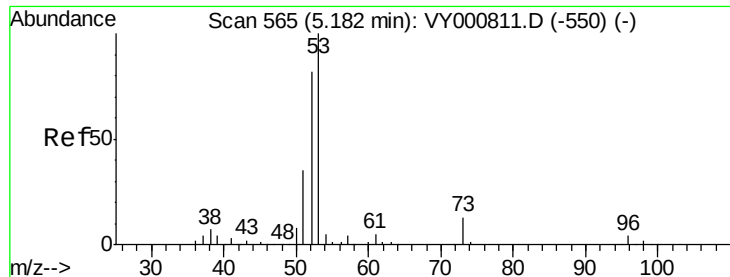
Ion Ratio Lower Upper

41 100

39 61.1 49.2 73.8

76 35.1 29.2 43.8





#15

Acrylonitrile

Concen: 254.018 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

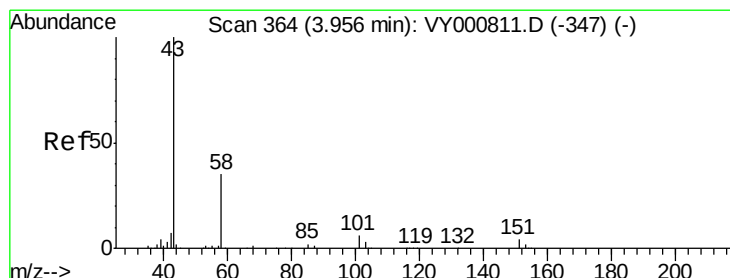
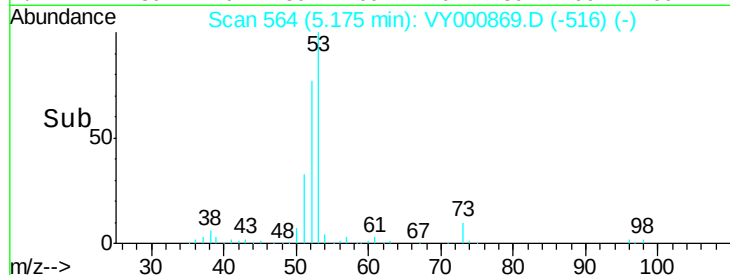
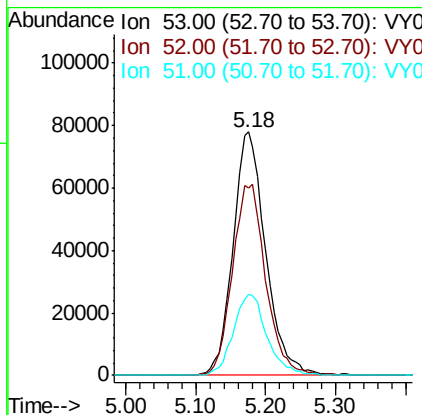
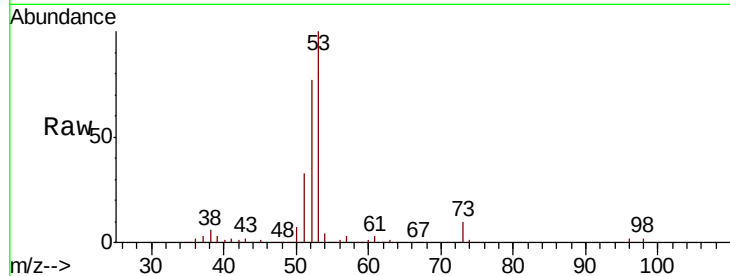
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	251858
Ion Ratio	Lower	Upper	
53	100		
52	80.3	65.1	97.7
51	34.6	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 248.416 ug/l

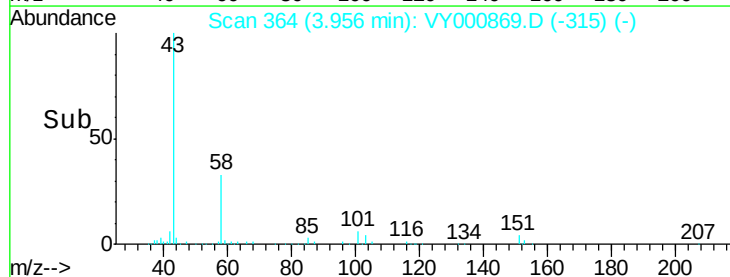
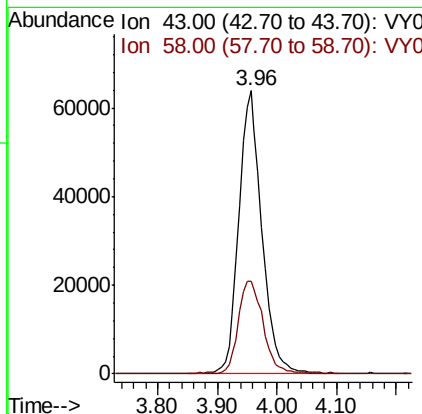
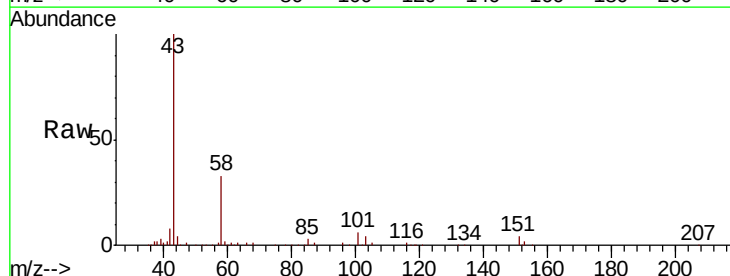
RT: 3.96 min Scan# 364

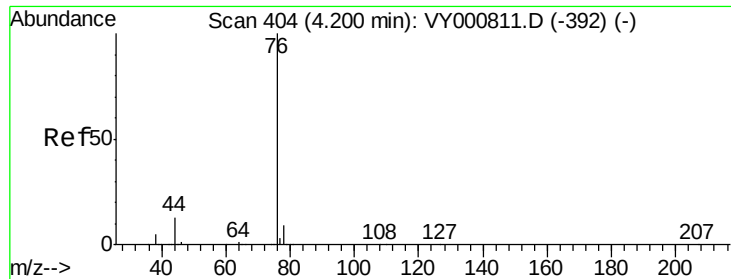
Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Tgt Ion:	43	Resp:	172365
Ion Ratio	Lower	Upper	
43	100		
58	32.7	28.0	42.0





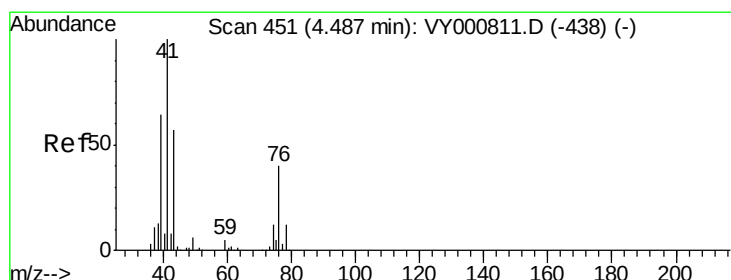
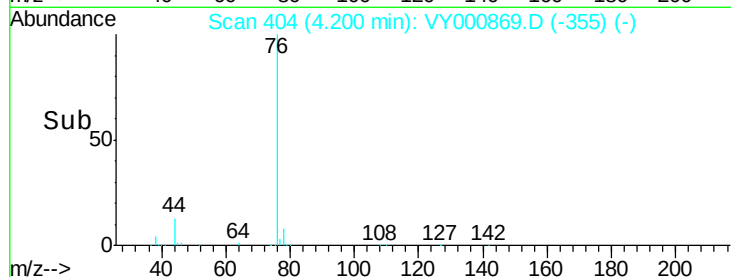
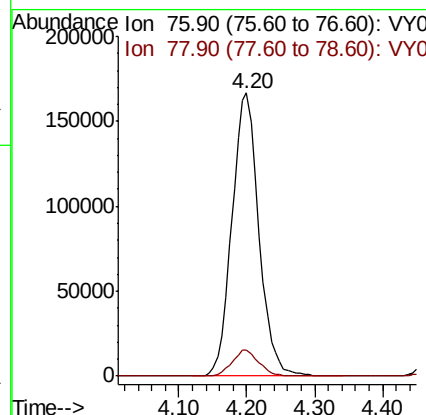
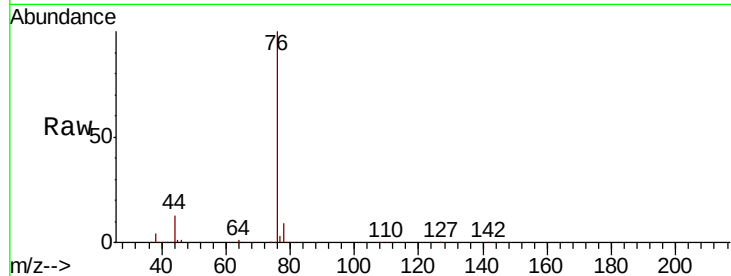
#17
Carbon Disulfide
Concen: 45.174 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

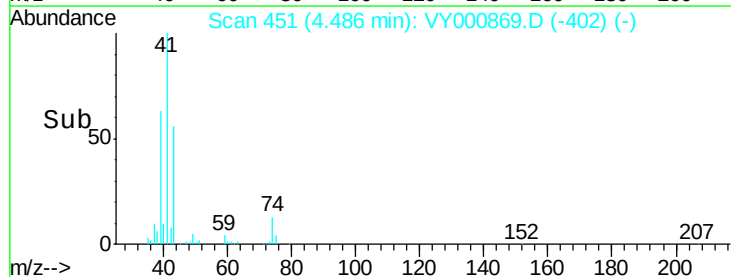
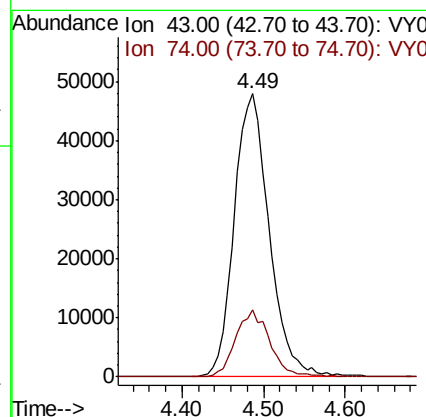
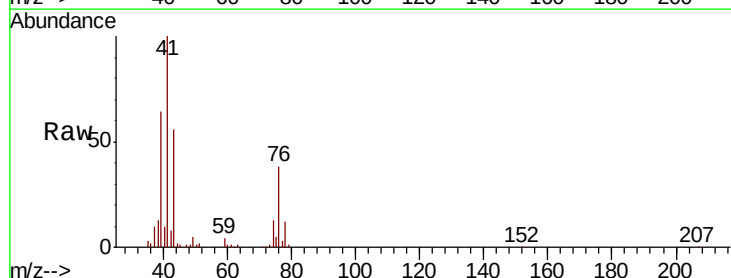
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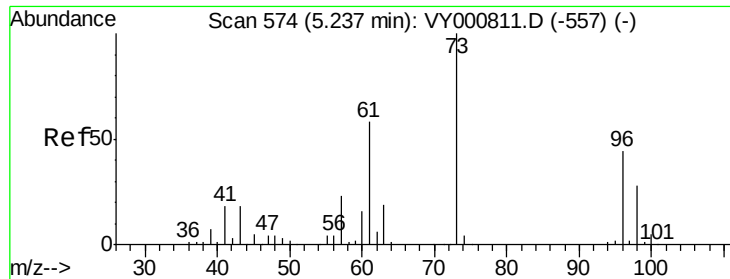
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#18
Methyl Acetate
Concen: 49.009 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.5	27.7





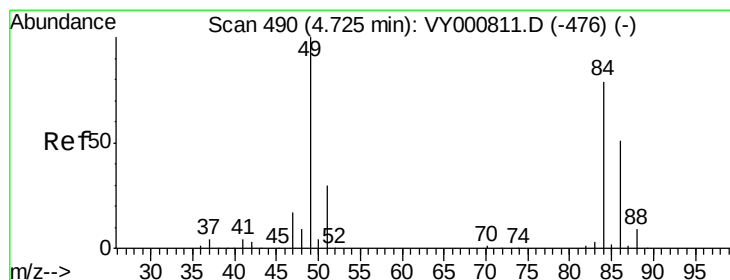
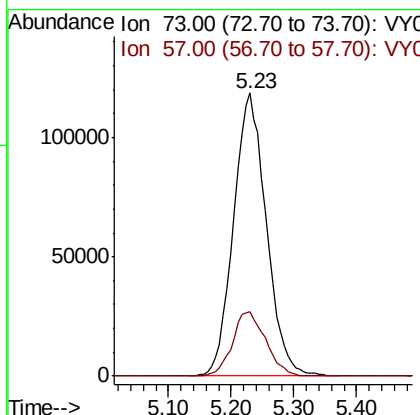
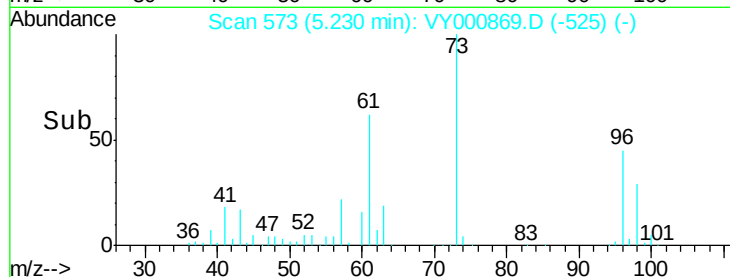
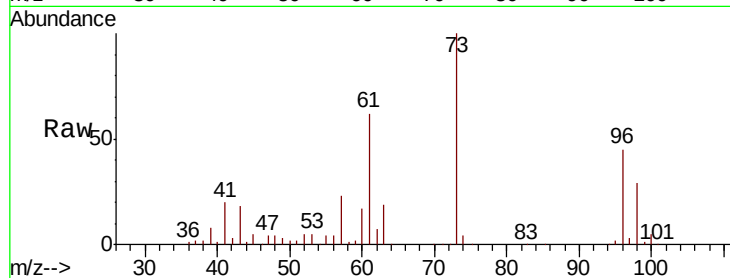
#19
Methyl tert-butyl Ether
Concen: 51.456 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleID :
VSTDCCC050EC

Tot Ion: 73 Resp: 428895
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4

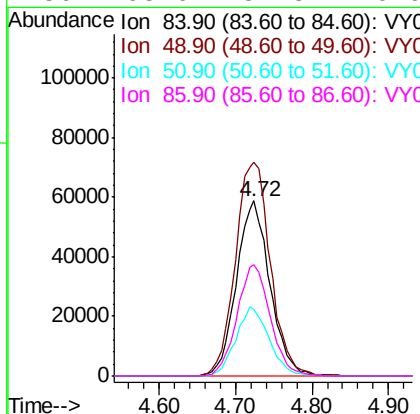
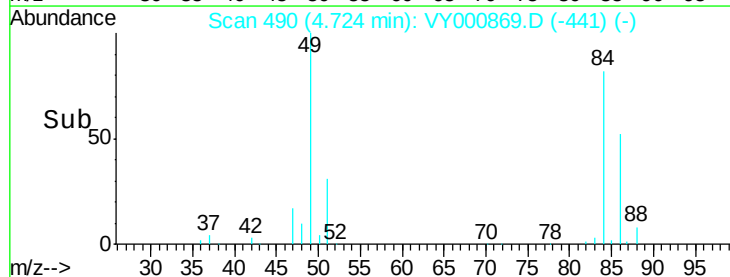
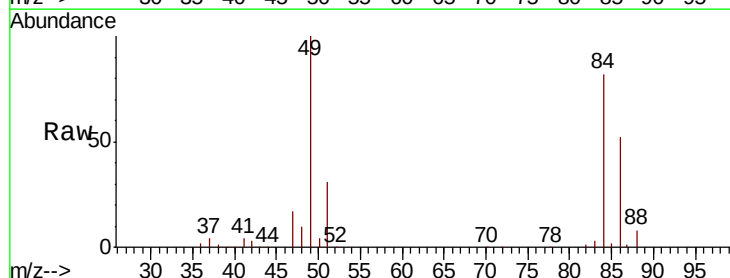
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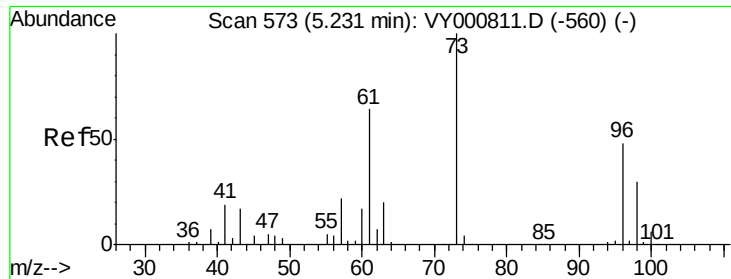
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#20
Methylene Chloride
Concen: 48.751 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion: 84 Resp: 178303
Ion Ratio Lower Upper
84 100
49 122.0 101.3 151.9
51 38.0 30.6 45.8
86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.521 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 168578

Ion Ratio Lower Upper

96 100

61 137.5 105.9 158.9

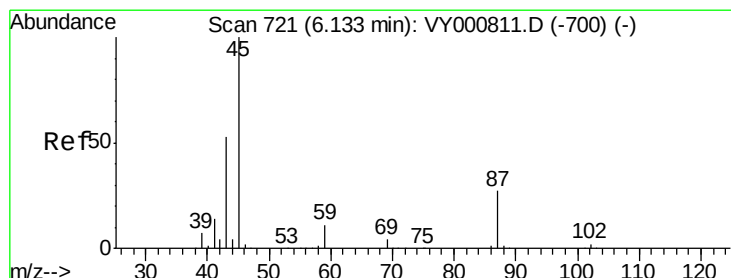
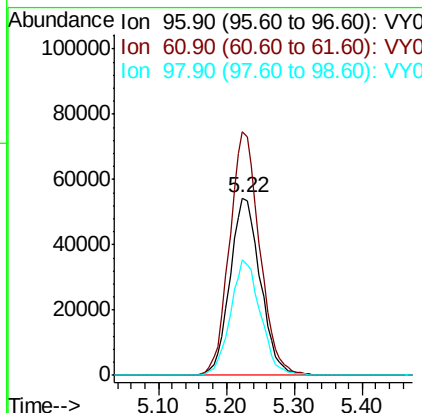
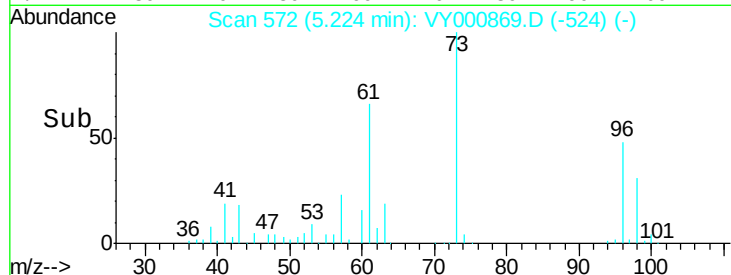
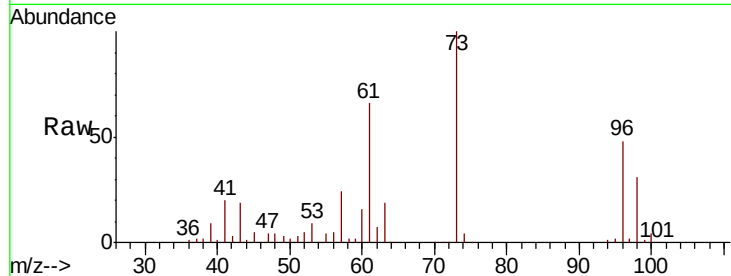
98 64.9 49.4 74.2

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#22

Diisopropyl ether

Concen: 51.766 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Tgt Ion: 45 Resp: 569382

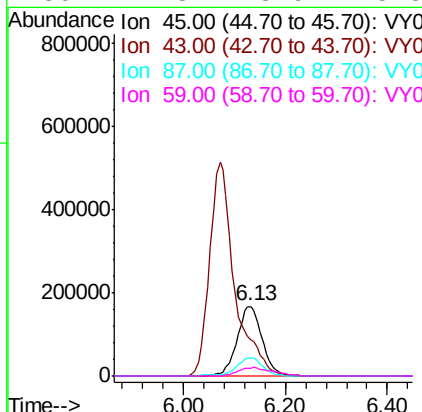
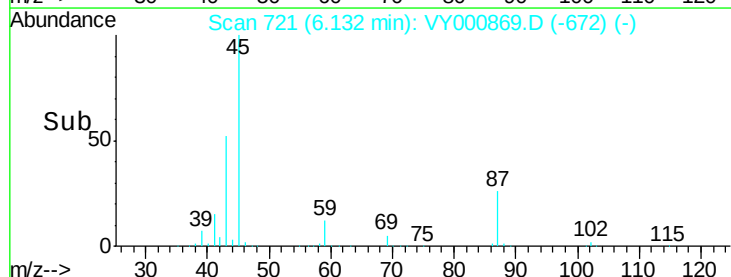
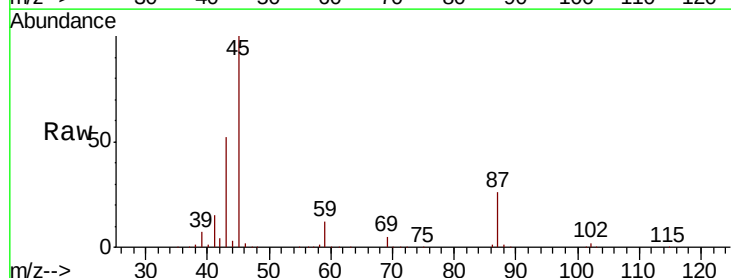
Ion Ratio Lower Upper

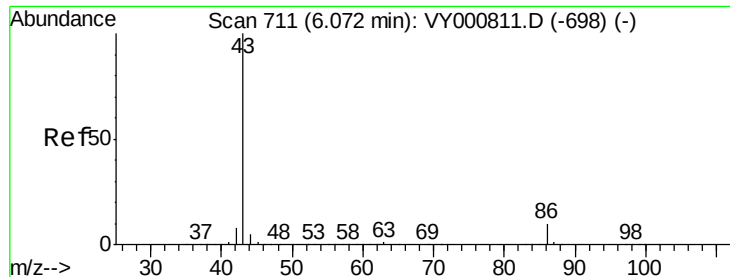
45 100

43 52.1 42.7 64.1

87 25.8 22.0 33.0

59 11.8 8.9 13.3





#23

Vinyl Acetate

Concen: 261.561 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1748986

Ion Ratio Lower Upper

43 100

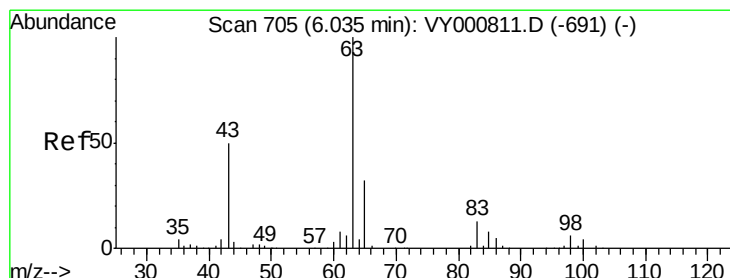
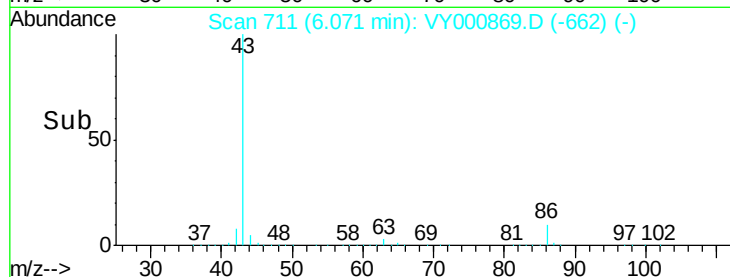
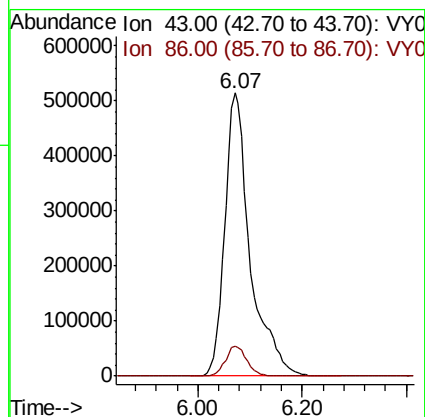
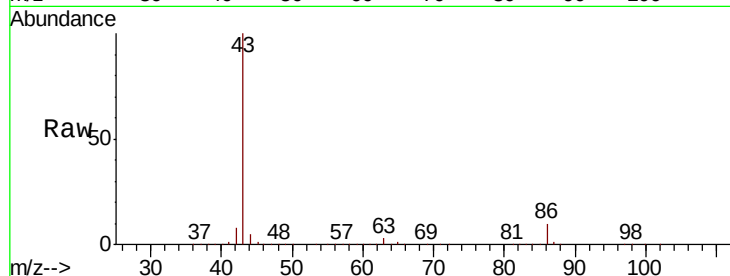
86 10.5 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 49.498 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

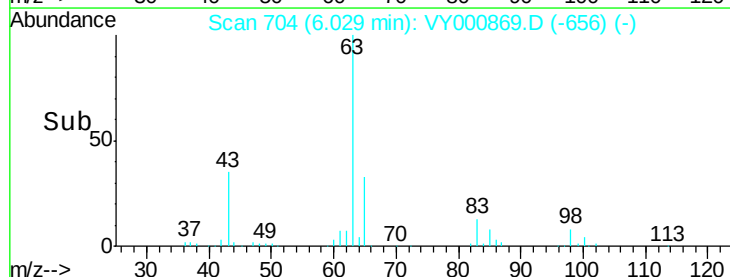
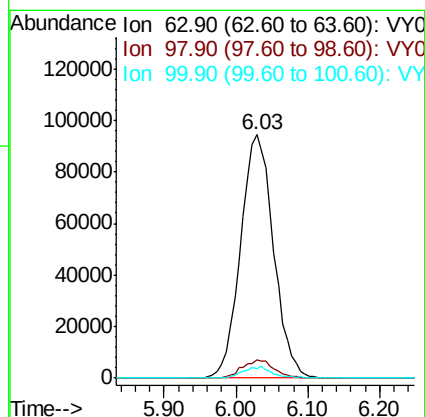
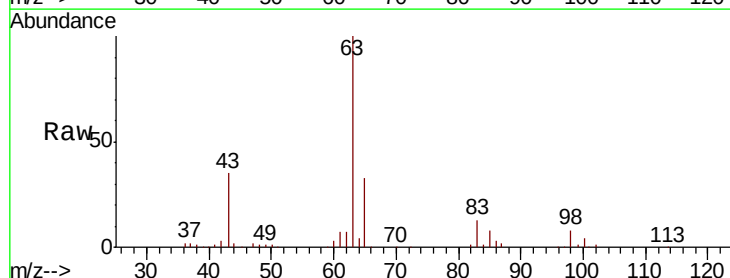
Tgt Ion: 63 Resp: 300067

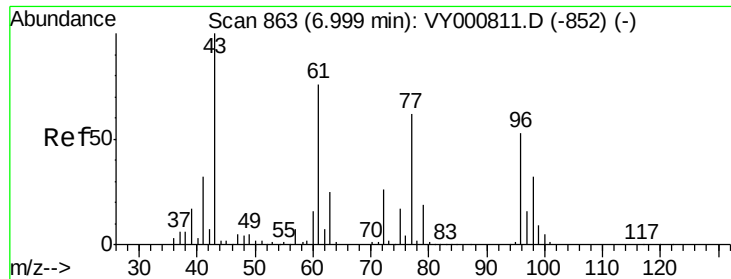
Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.8

100 3.8 2.2 6.6





#25

2-Butanone

Concen: 248.440 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 318434

Ion Ratio Lower Upper

43 100

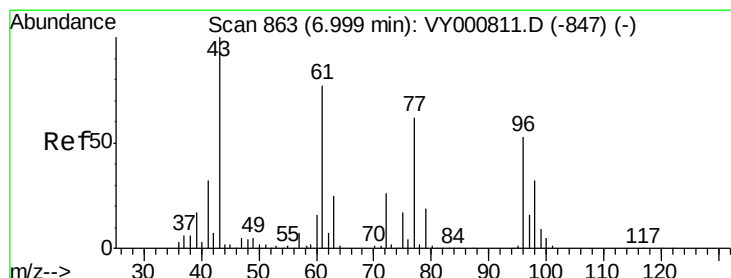
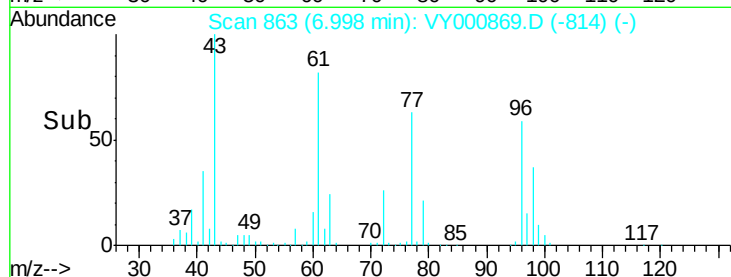
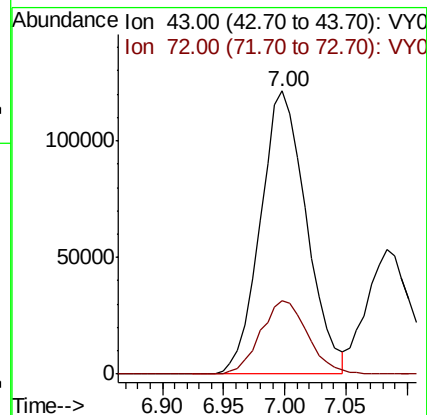
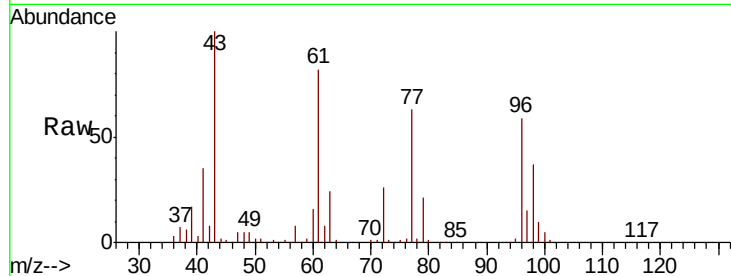
72 25.8 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 46.866 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000869.D

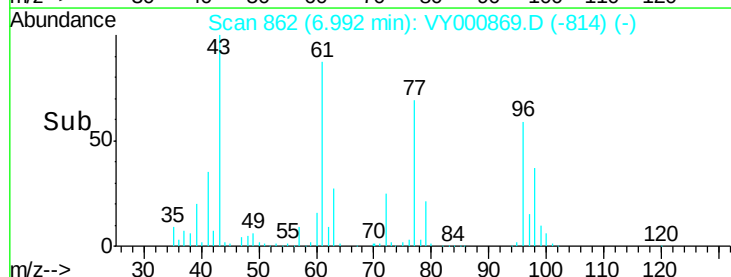
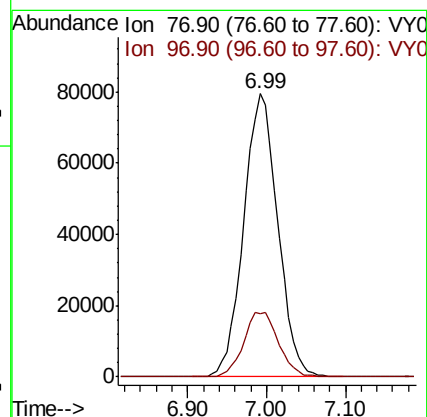
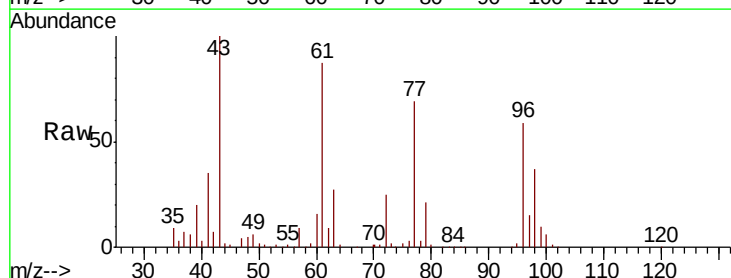
Acq: 04 Dec 2019 18:27

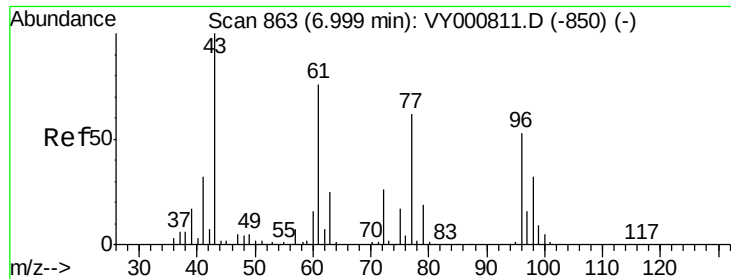
Tgt Ion: 77 Resp: 239123

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9





#27

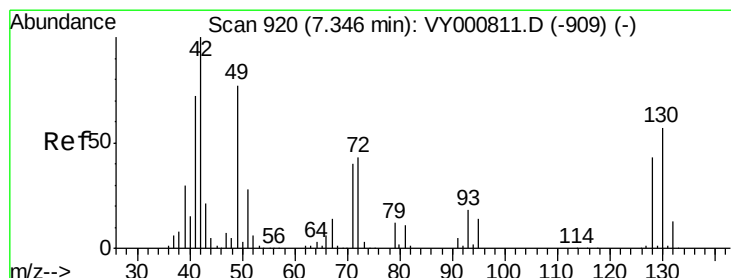
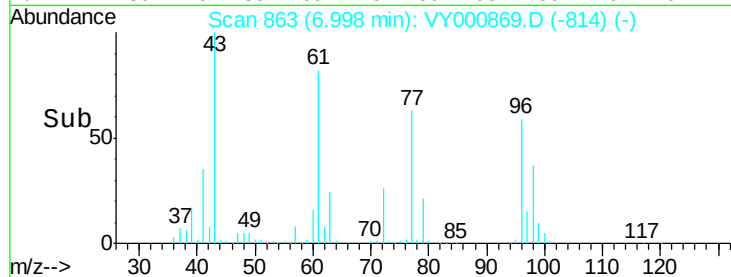
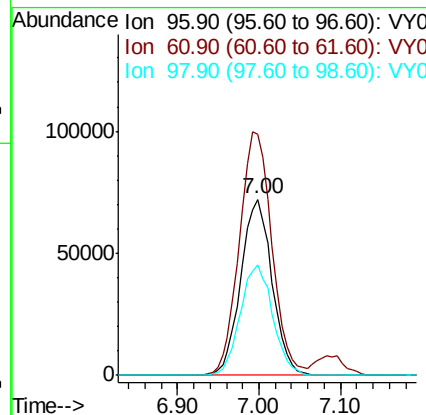
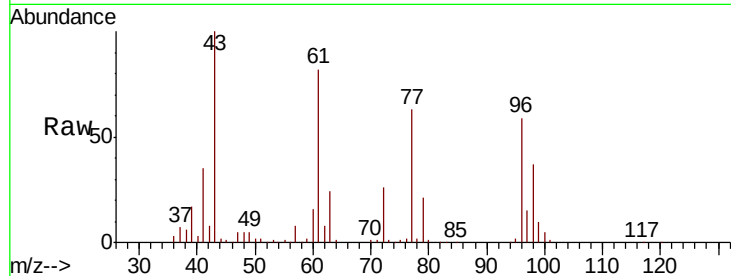
cis-1,2-Dichloroethene
Concen: 50.033 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	191857		
61	144.1	0.0	285.0	
98	64.9	0.0	128.0	

Manual Integrations
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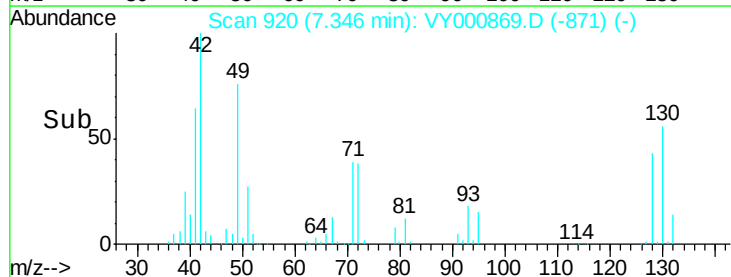
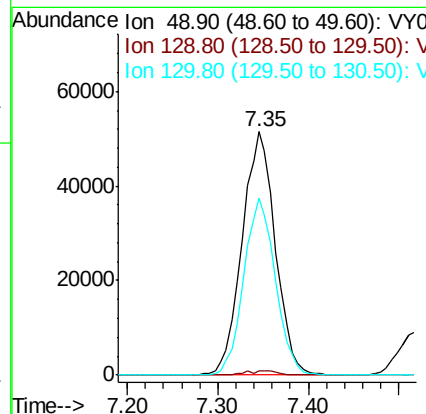
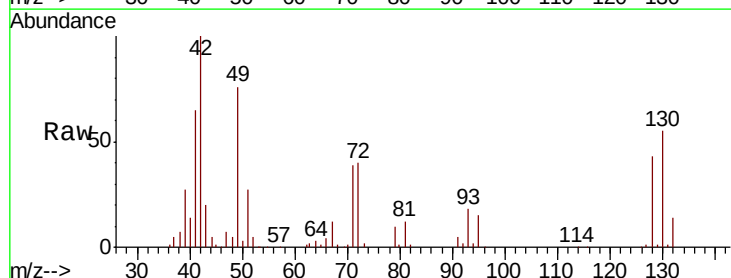
apatel
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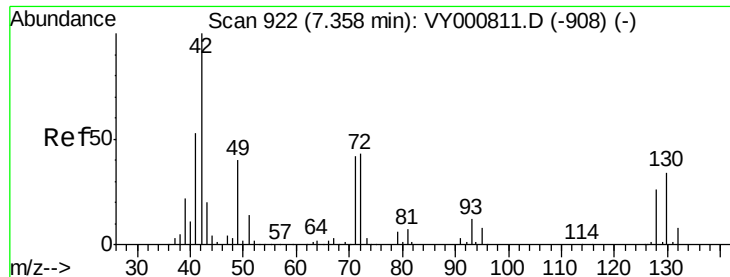


#28

Bromochloromethane
Concen: 58.541 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	130918		
129	1.7	0.0	3.8	
130	69.1	58.7	88.1	





#29

Tetrahydrofuran

Concen: 261.349 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

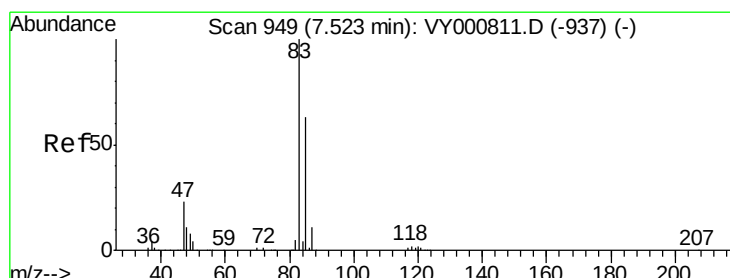
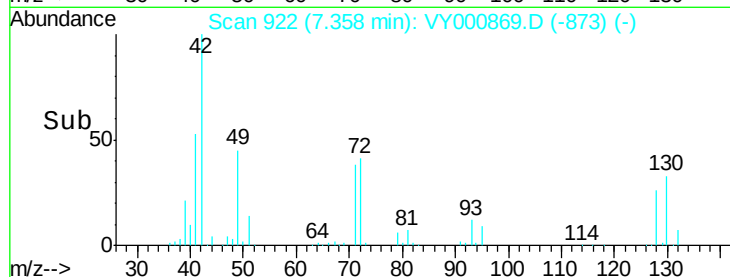
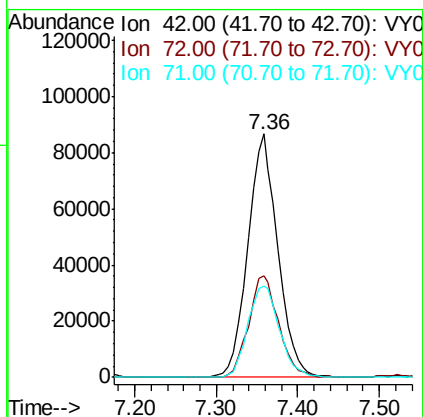
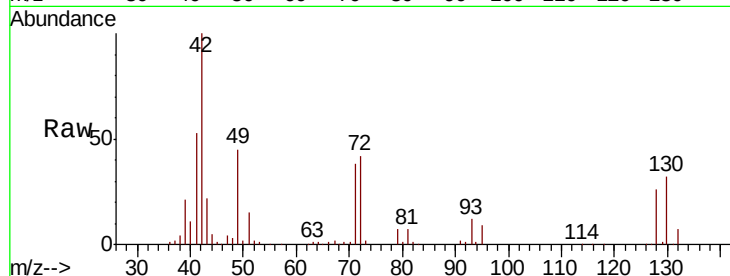
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	221976
Ion Ratio		Lower	Upper
42	100		
72	41.9	35.1	52.7
71	39.6	32.8	49.2

Manual Integrations
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#30

Chloroform

Concen: 47.413 ug/l

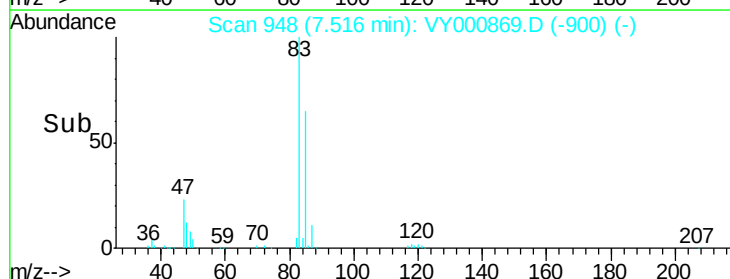
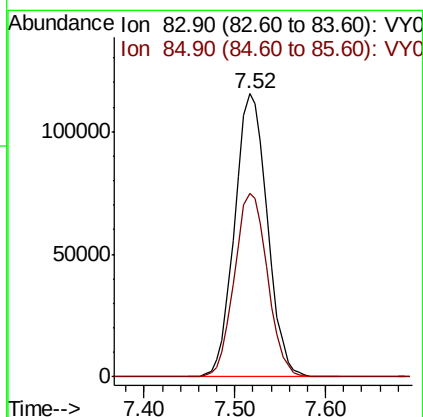
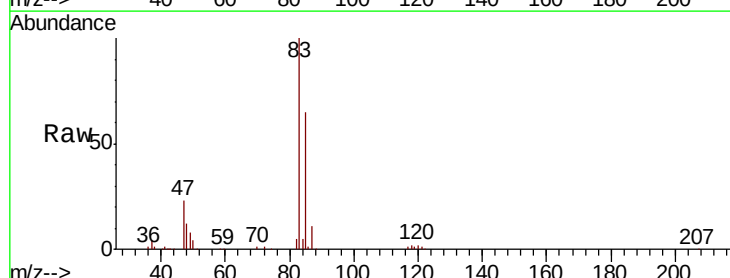
RT: 7.52 min Scan# 948

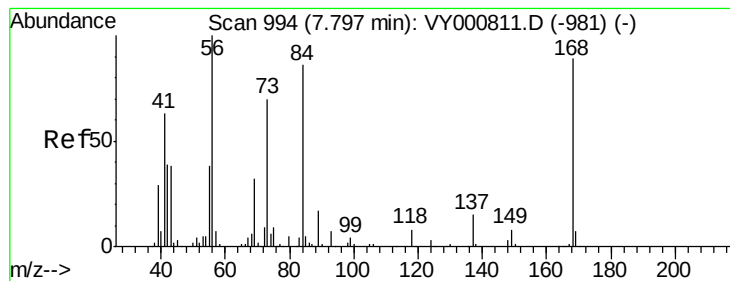
Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Tgt Ion:	83	Resp:	288339
Ion Ratio		Lower	Upper
83	100		
85	64.8	50.4	75.6





#31

Cyclohexane

Concen: 45.640 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 293103

Ion Ratio Lower Upper

56 100

69 31.8 25.9 38.9

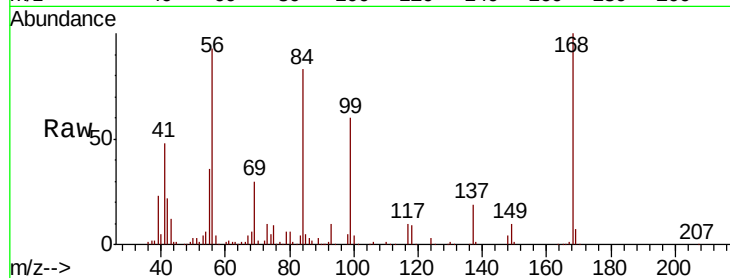
84 87.3 68.6 102.8

Manual Integrations

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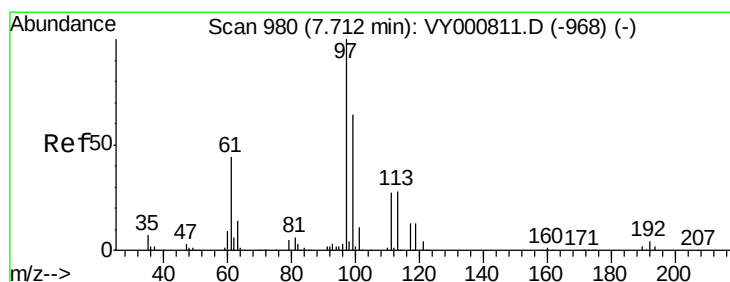
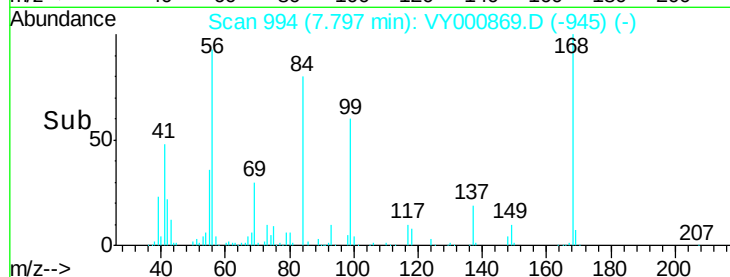
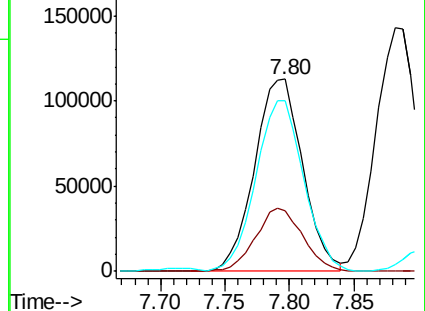
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Abundance Ion 56.00 (55.70 to 56.70): VY000869.D (-945) (-)

Ion 69.00 (68.70 to 69.70): VY000869.D (-945) (-)

Ion 84.00 (83.70 to 84.70): VY000869.D (-945) (-)



#32

1,1,1-Trichloroethane

Concen: 47.890 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

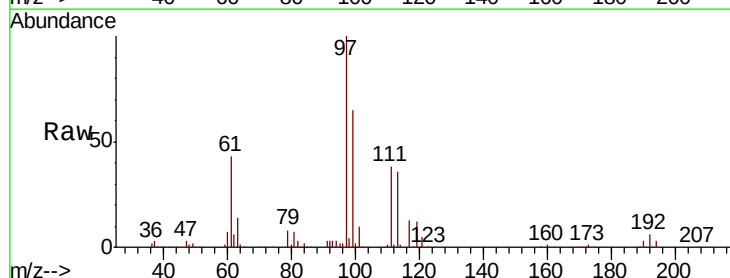
Tgt Ion: 97 Resp: 240492

Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

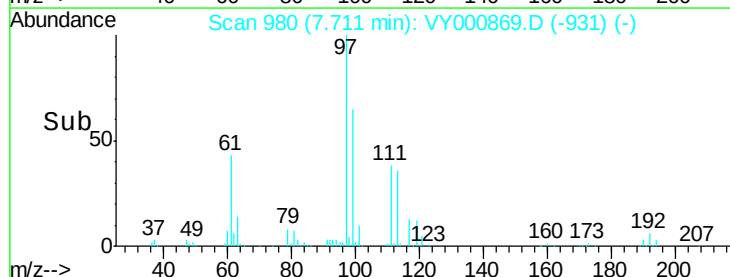
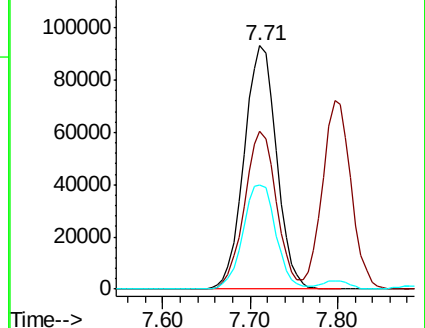
61 43.7 35.0 52.6

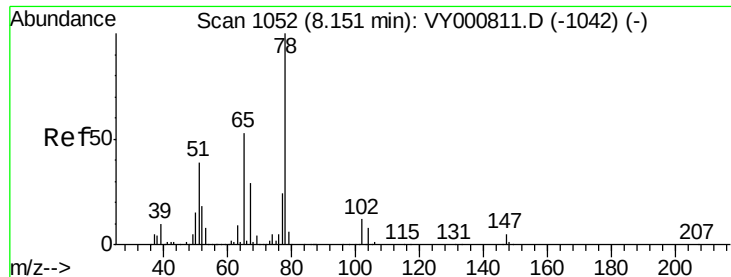


Abundance Ion 96.90 (96.60 to 97.60): VY000869.D (-931) (-)

Ion 98.90 (98.60 to 99.60): VY000869.D (-931) (-)

Ion 60.90 (60.60 to 61.60): VY000869.D (-931) (-)





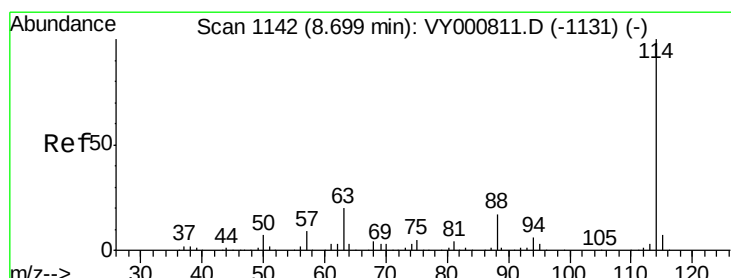
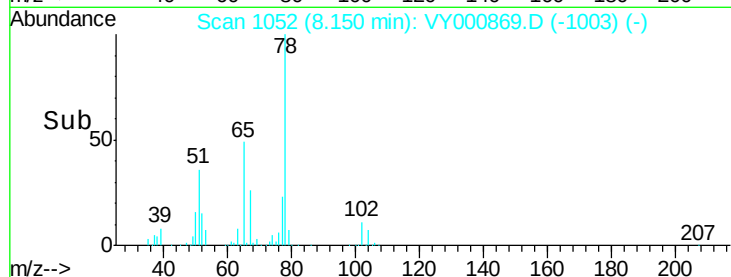
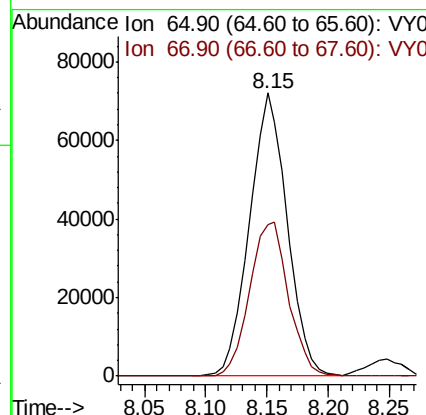
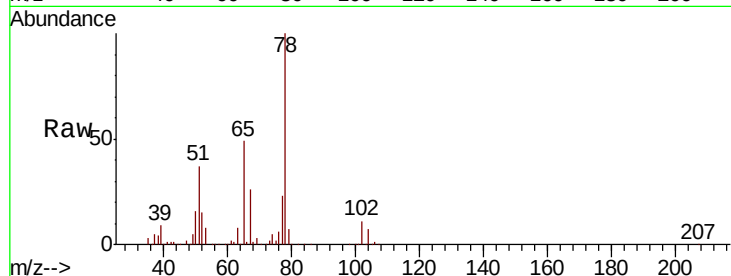
#33
 1,2-Dichloroethane-d4
 Concen: 51.058 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	154433		
67	56.1	0.0	112.0	

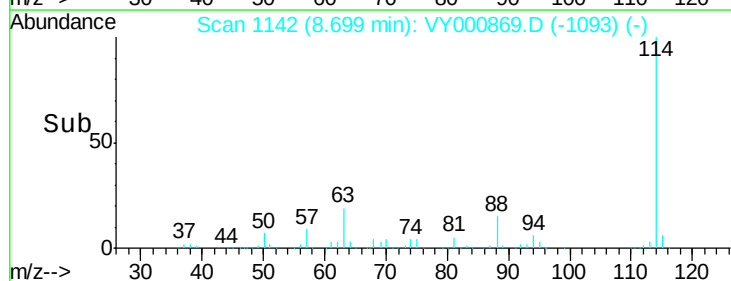
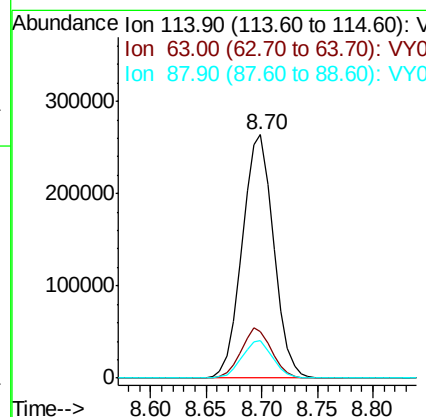
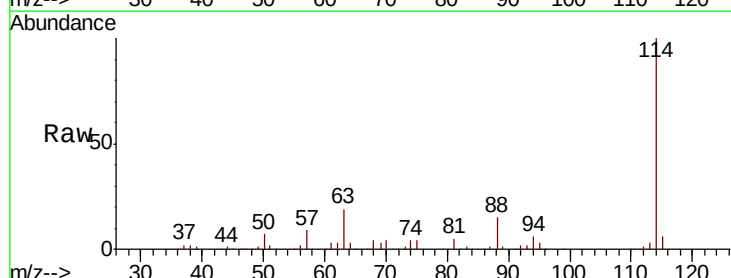
Manual Integrations
 APPROVED

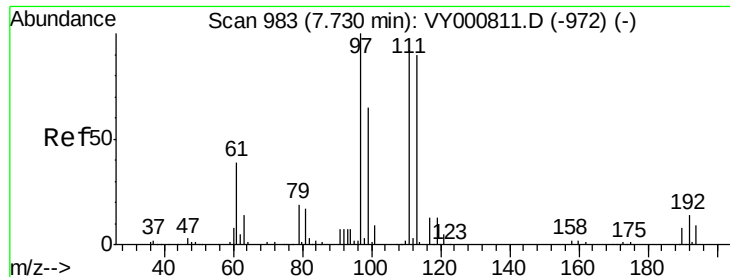
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	517079		
63	19.2	0.0	39.8	
88	15.4	0.0	33.2	





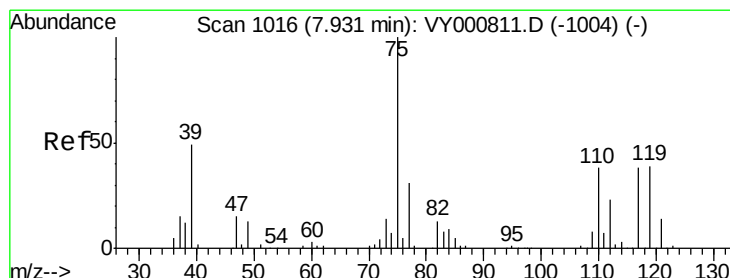
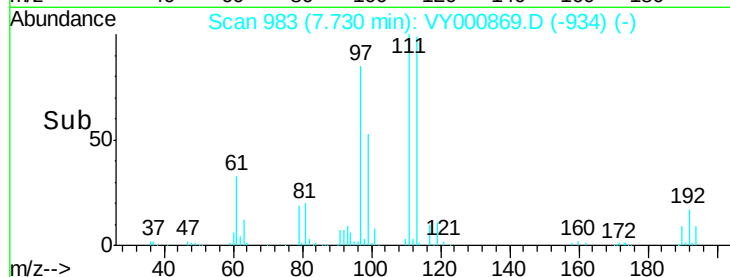
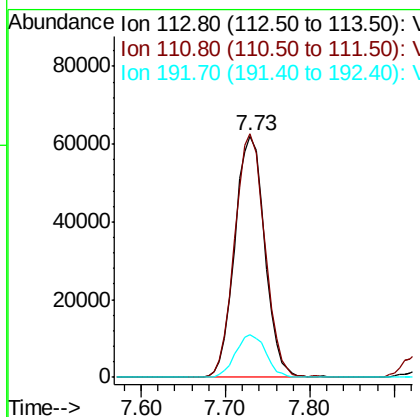
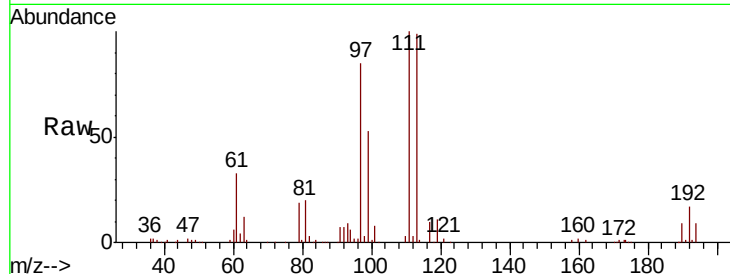
#35
Dibromofluoromethane
Concen: 49.301 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148571		
111	101.4	82.4	123.6	
192	17.8	14.2	21.2	

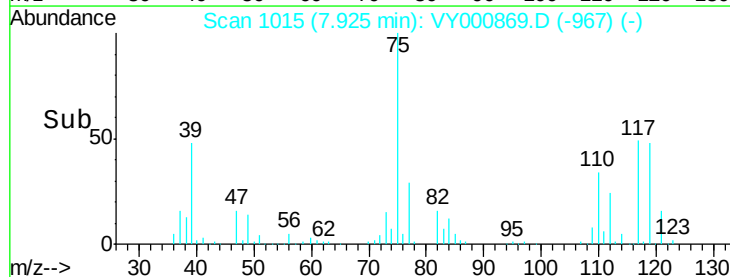
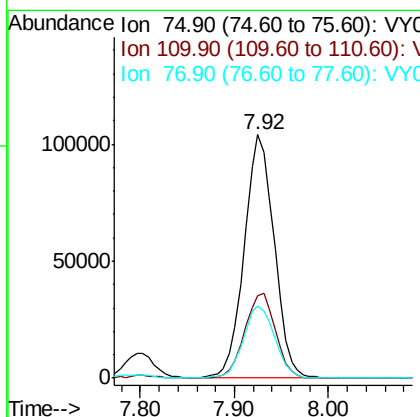
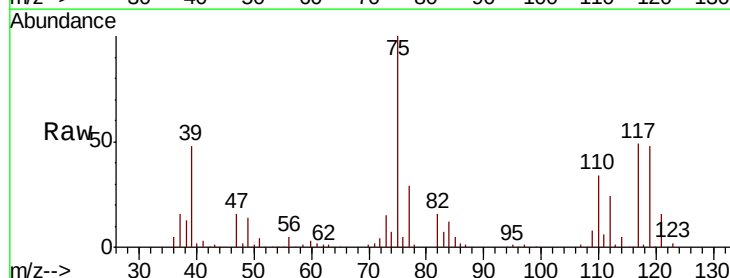
Manual Integrations
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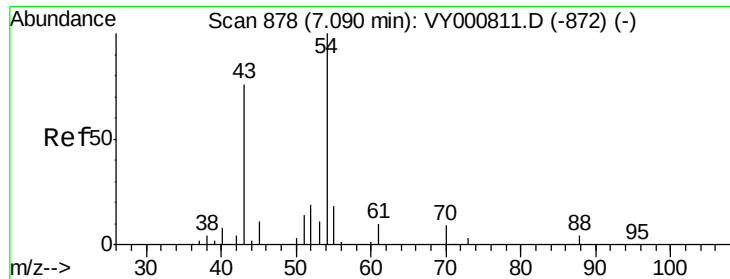
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#36
1,1-Dichloropropene
Concen: 44.856 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	230618		
110	35.6	17.9	53.7	
77	31.2	24.7	37.1	





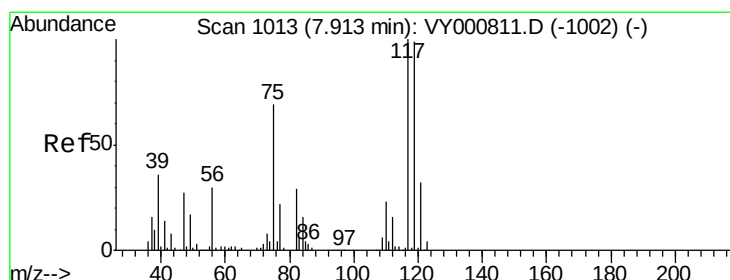
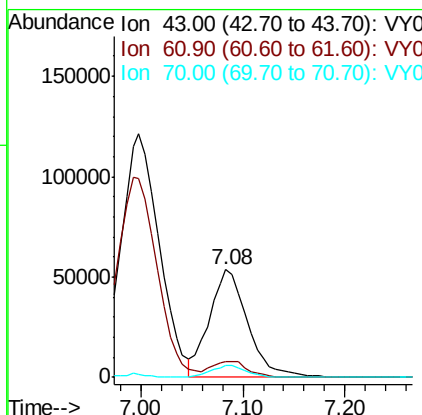
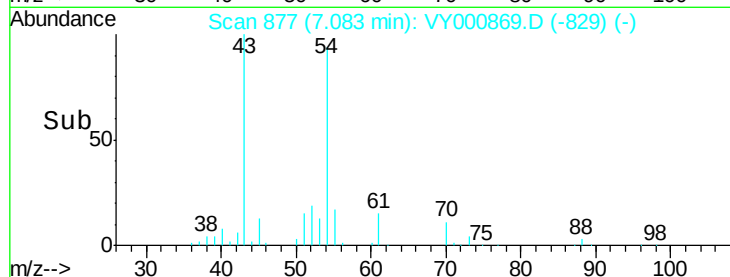
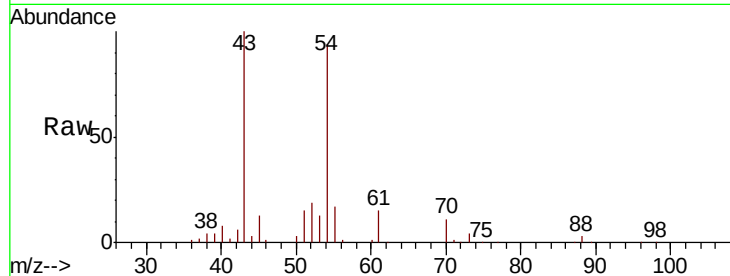
#37
Ethyl Acetate
Concen: 47.395 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.8	17.8
70	10.4	8.7	13.1

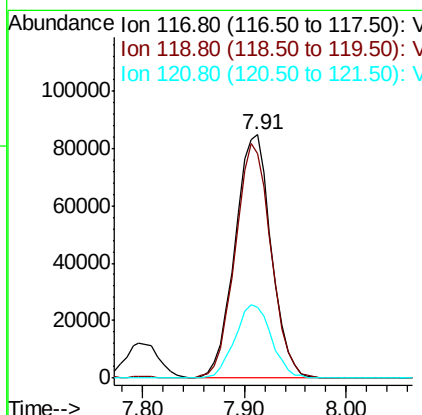
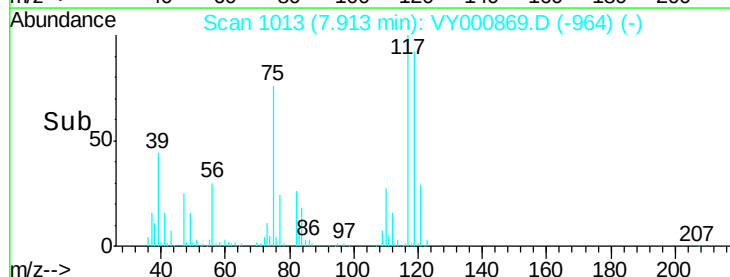
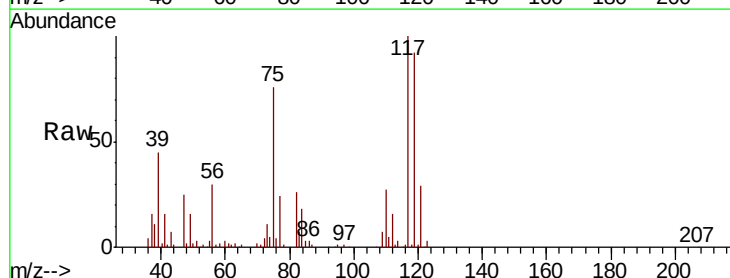
Manual Integrations
APPROVED

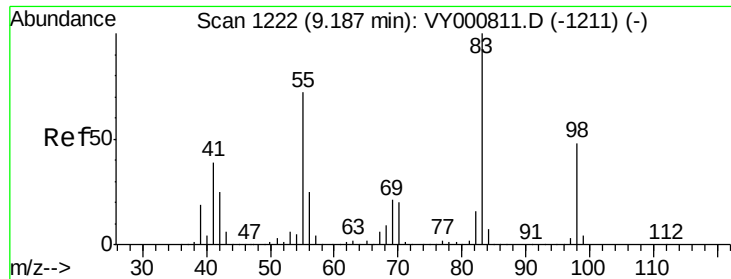
apatel
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#38
Carbon Tetrachloride
Concen: 45.658 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	79.3	118.9
121	29.2	25.5	38.3





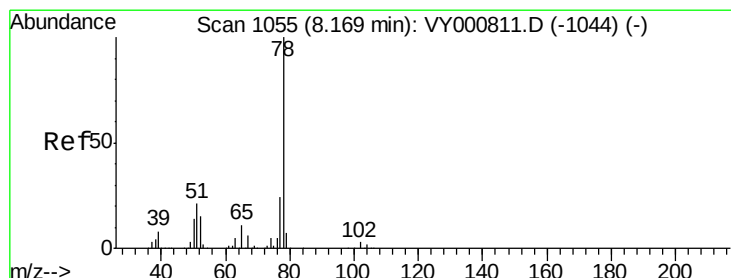
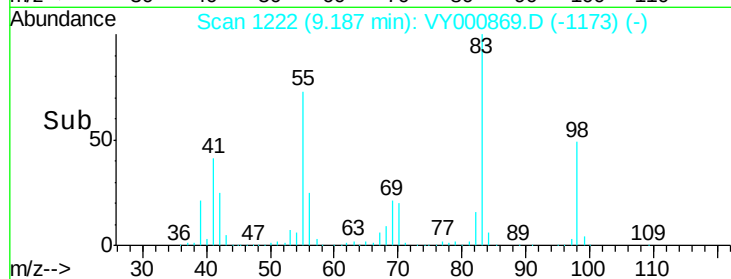
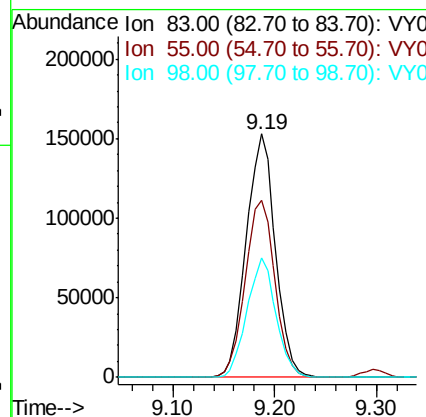
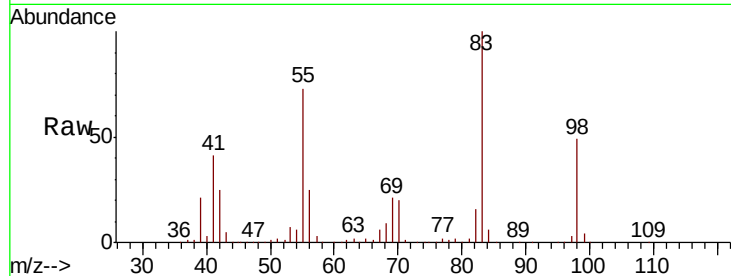
#39
Methylvlcyclohexane
Concen: 44.526 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	57.8	86.6
98	49.1	38.6	58.0

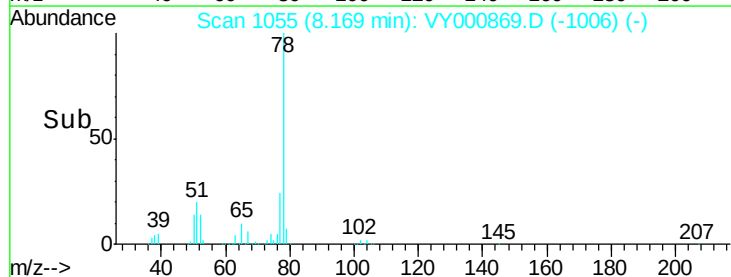
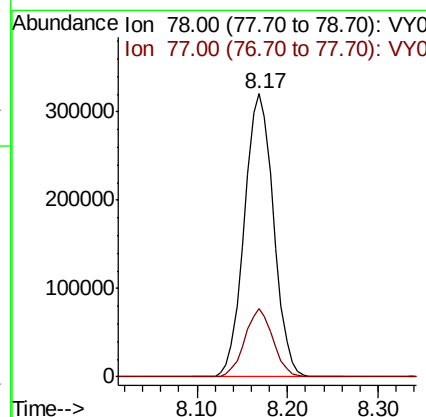
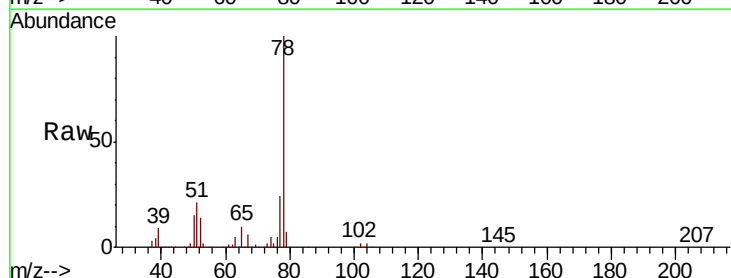
Manual Integrations
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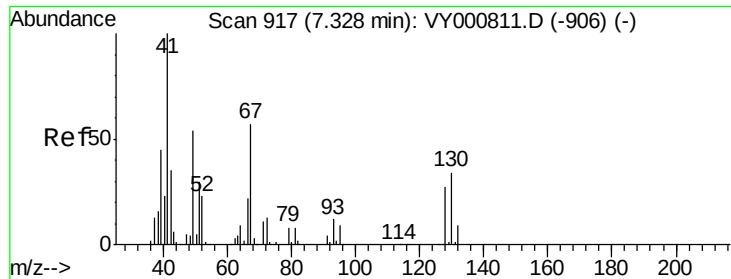
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#40
Benzene
Concen: 47.663 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





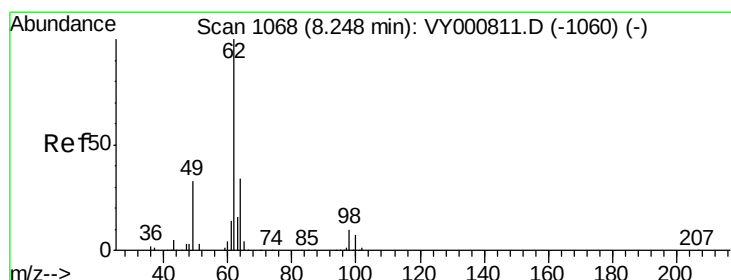
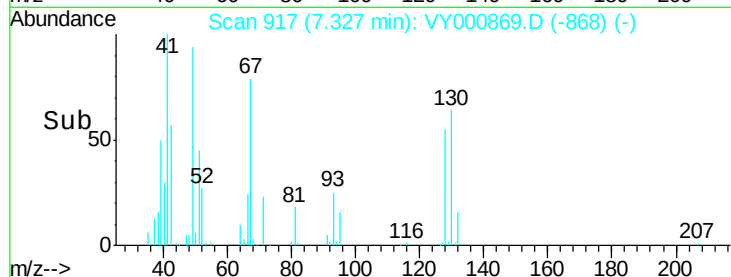
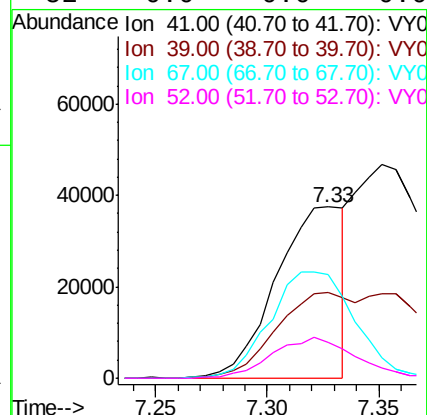
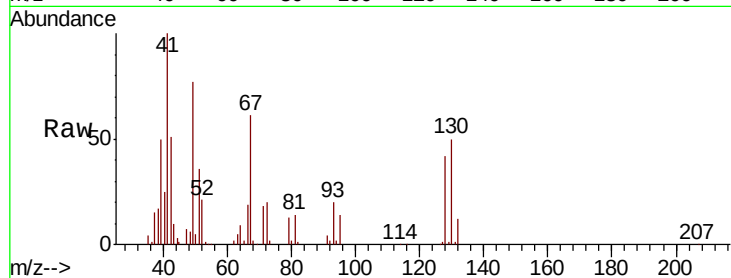
#41
Methacrylonitrile
Concen: 50.816 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	79510
Ion Ratio	Lower	Upper	
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

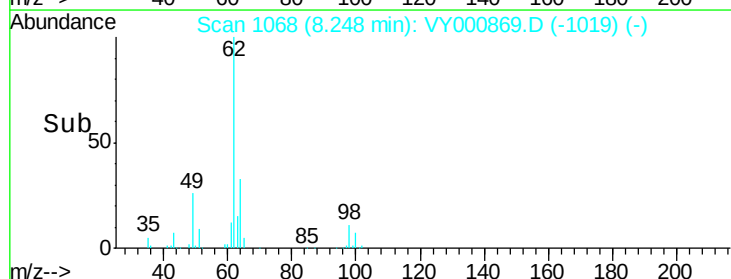
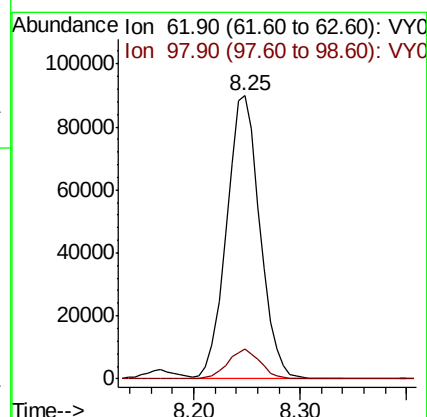
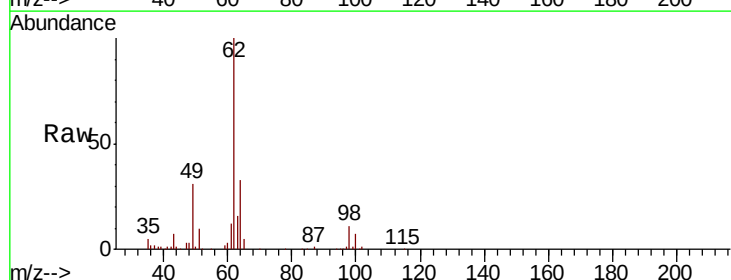
Manual Integrations
APPROVED

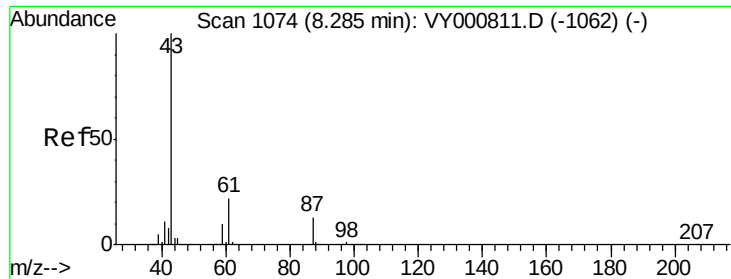
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12/5/2019 2:58:38 PM



#42
1,2-Dichloroethane
Concen: 49.877 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	62	Resp	196437
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	21.4





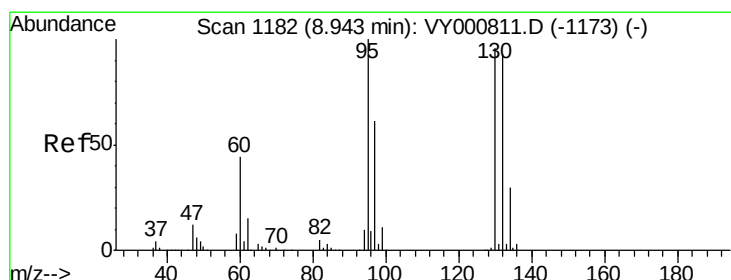
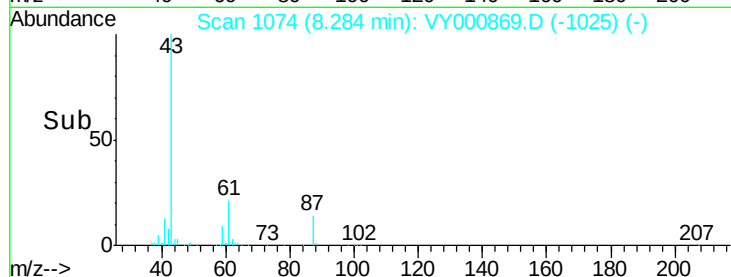
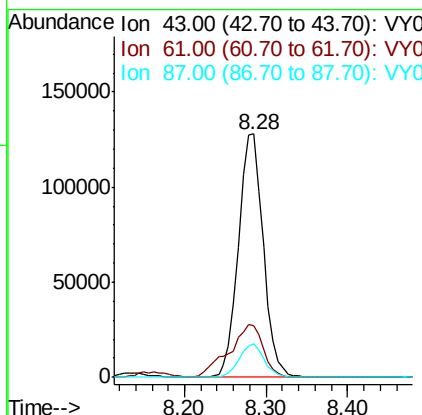
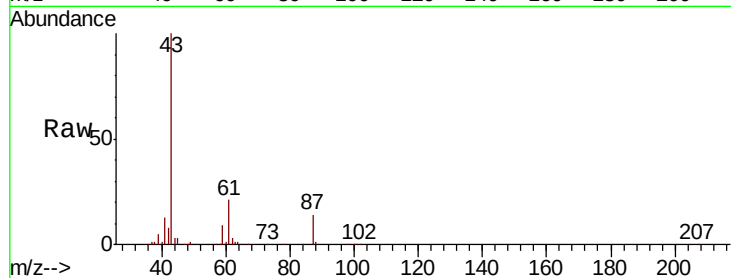
#43
Isopropyl Acetate
Concen: 47.891 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.7	35.5
87	13.7	10.6	15.8

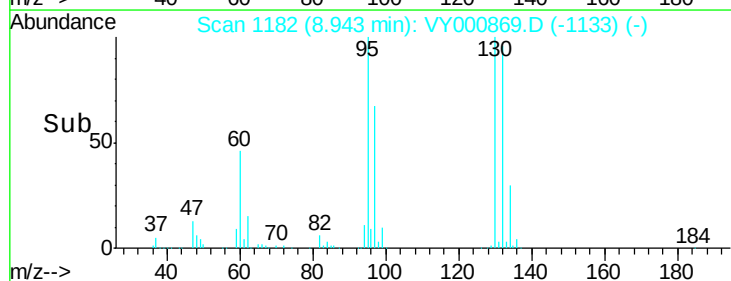
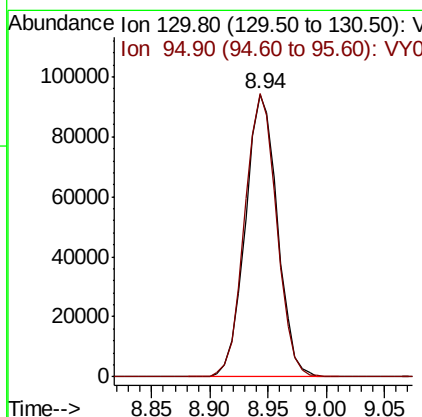
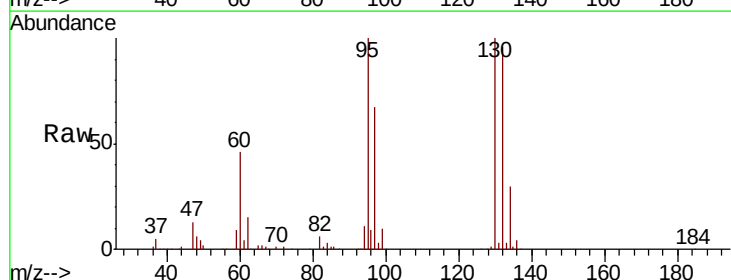
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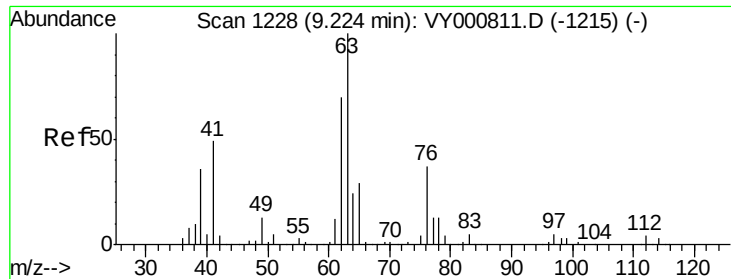
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#44
Trichloroethene
Concen: 46.968 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	207.8





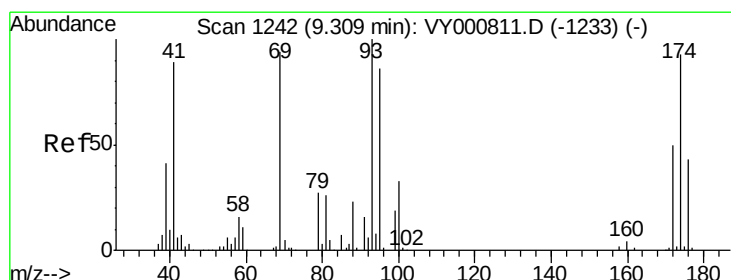
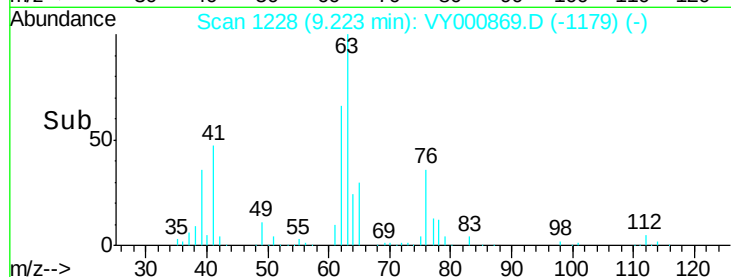
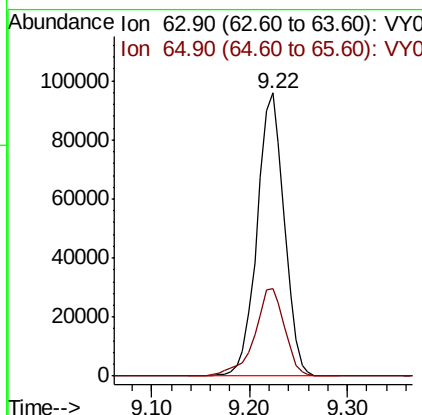
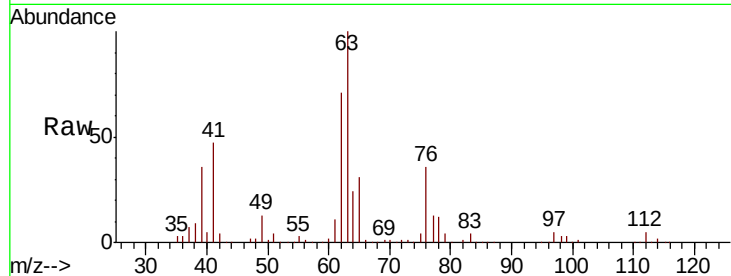
#45
 1,2-Dichloropropane
 Concen: 49.087 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 184647
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.2 34.8

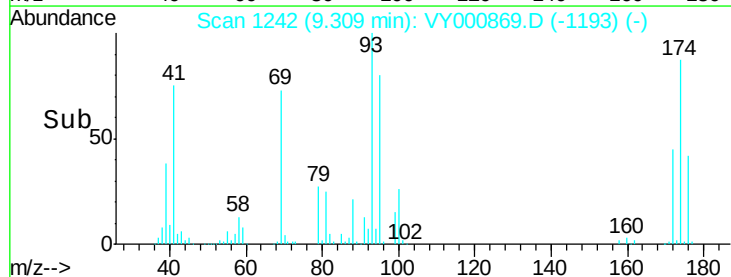
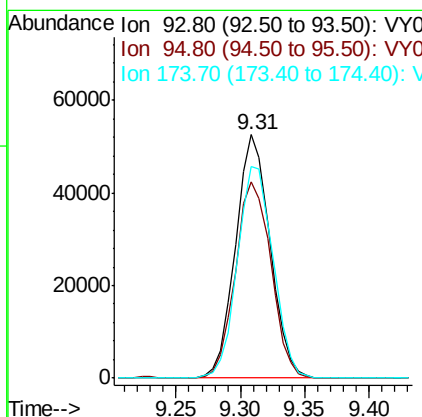
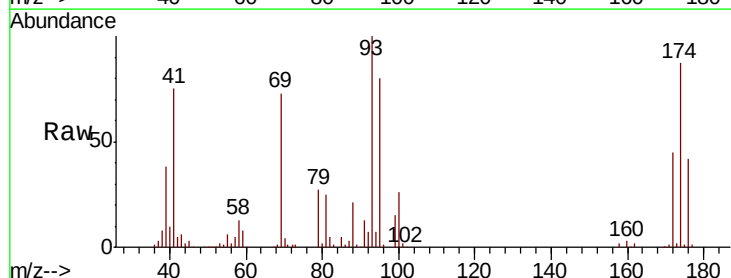
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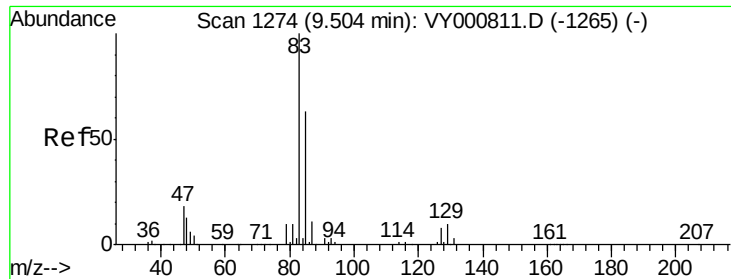
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#46
 Dibromomethane
 Concen: 49.741 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion: 93 Resp: 97763
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 89.6 73.0 109.6





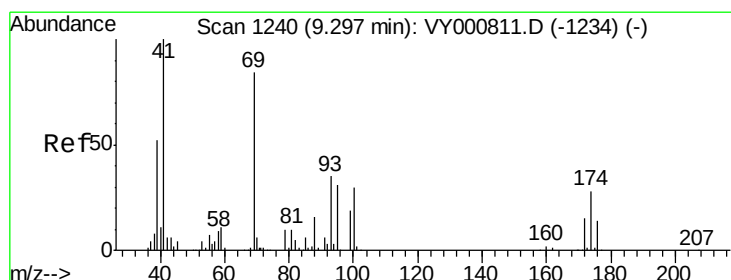
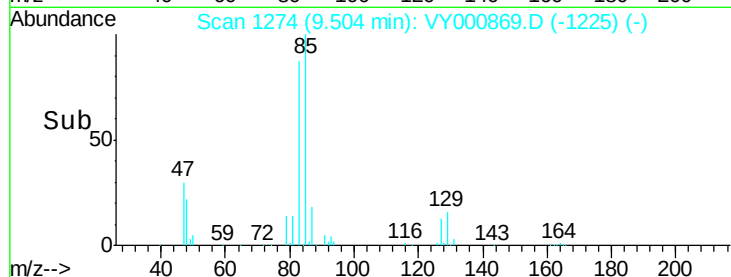
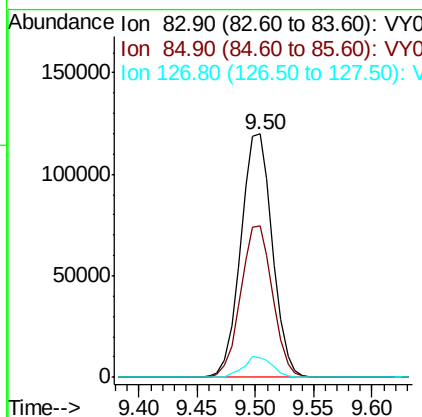
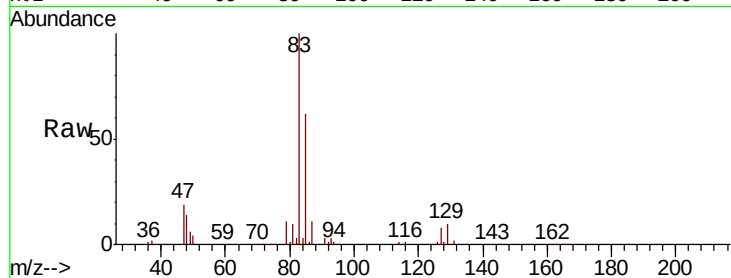
#47
Bromodichloromethane
Concen: 49.187 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.8	76.2
127	8.1	6.6	10.0

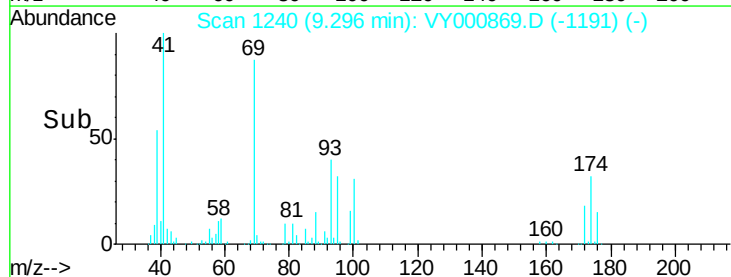
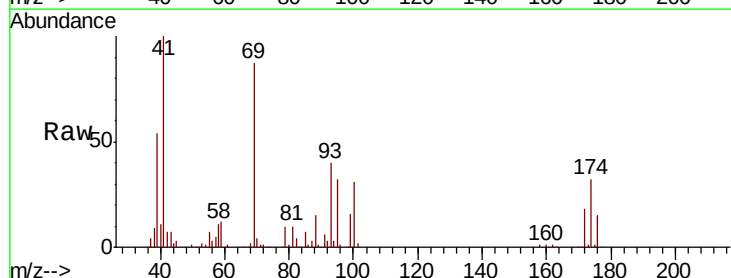
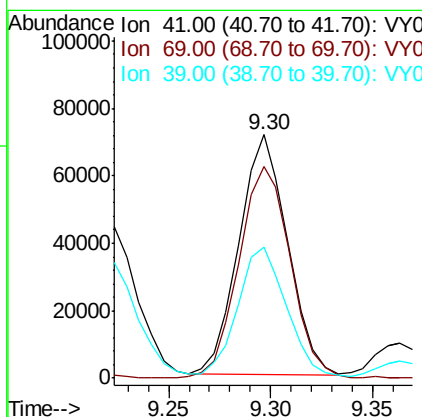
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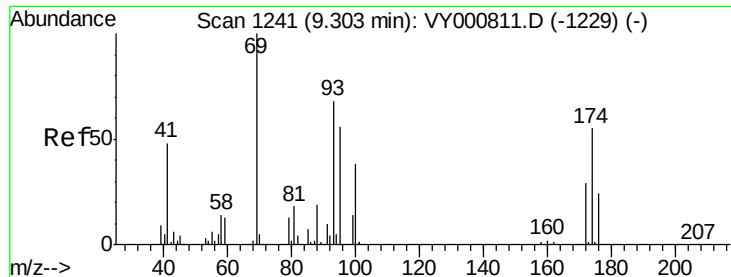
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#48
Methyl methacrylate
Concen: 47.862 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	93.0	70.4	105.6
39	55.4	40.9	61.3





#49

1,4-Dioxane

Concen: 1000.442 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 27861

Ion Ratio Lower Upper

88 100

43 32.2 21.1 31.7#

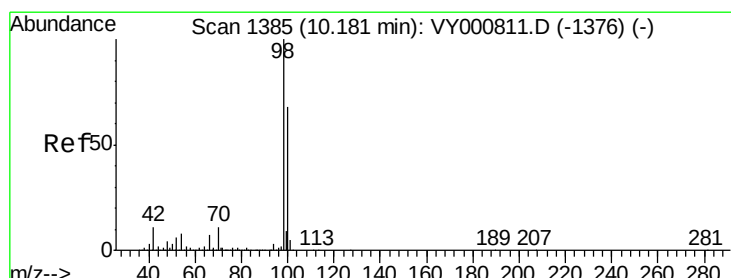
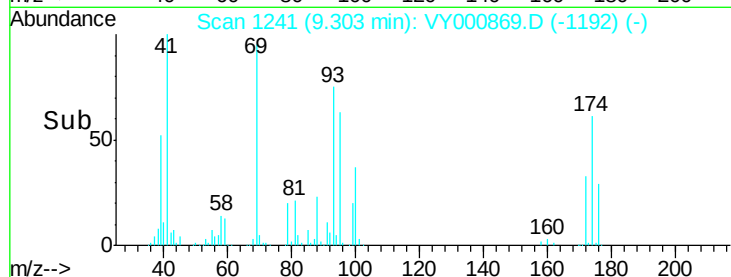
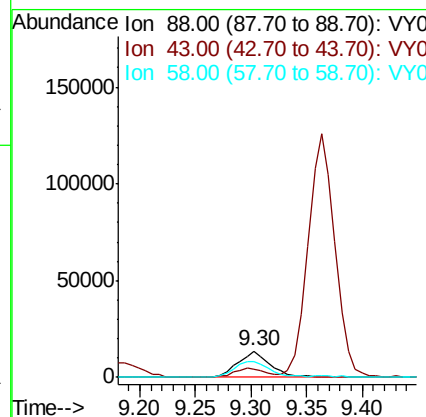
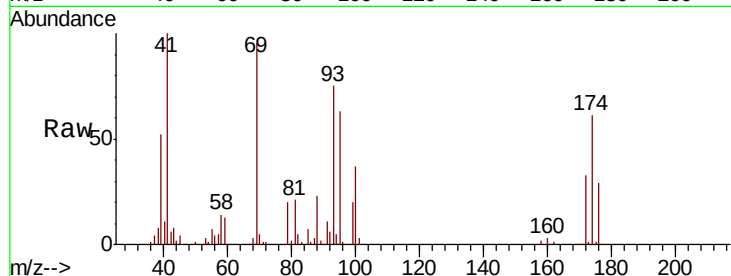
58 65.5 50.7 76.1

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#50

Toluene-d8

Concen: 49.862 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000869.D

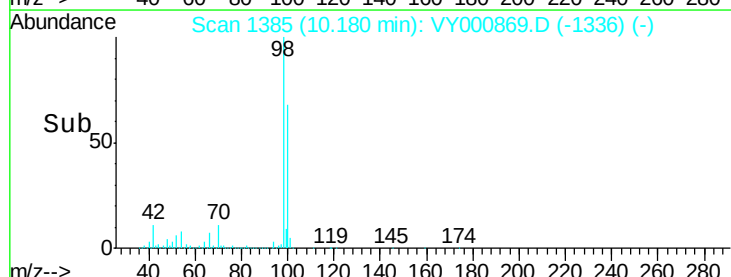
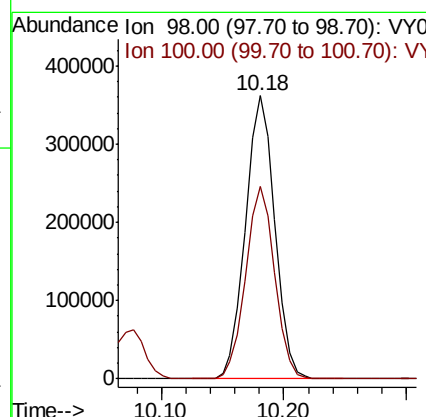
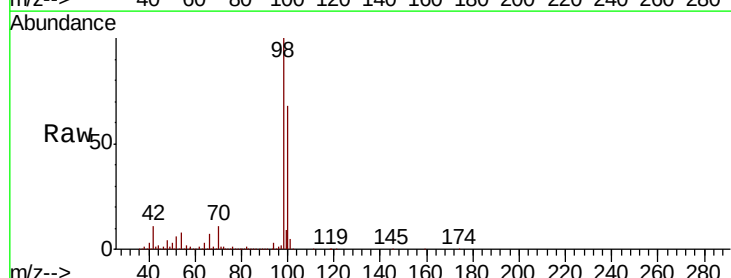
Acq: 04 Dec 2019 18:27

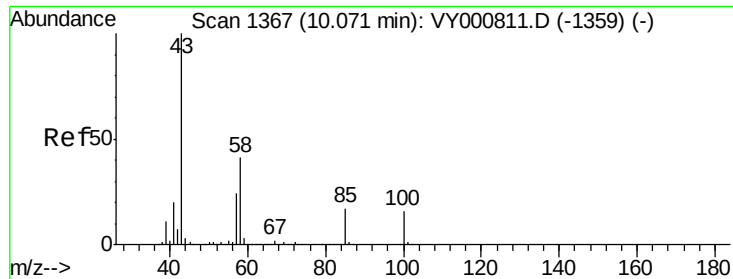
Tgt Ion: 98 Resp: 600734

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 249.572 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 721384

Ion Ratio Lower Upper

43 100

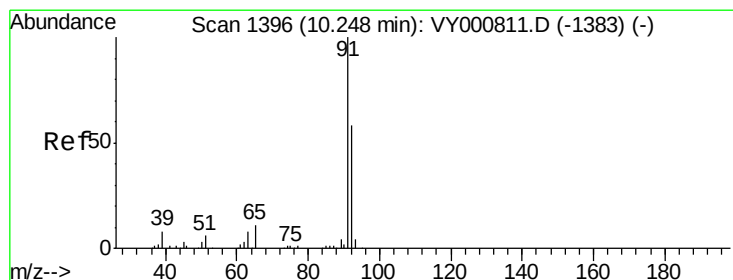
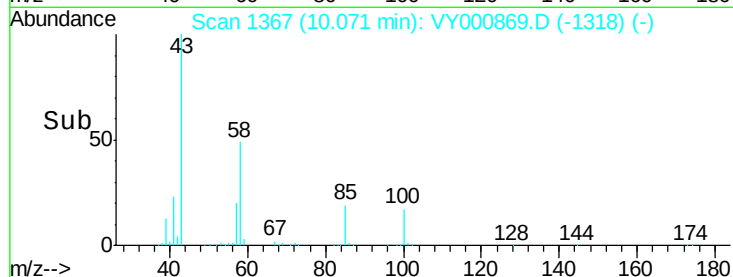
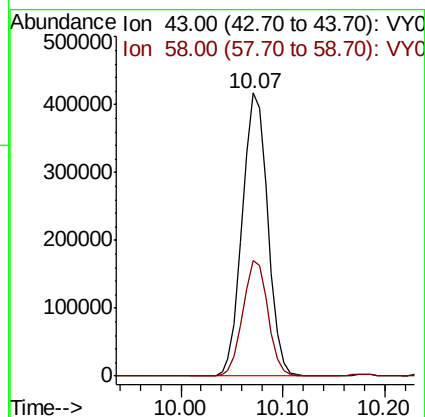
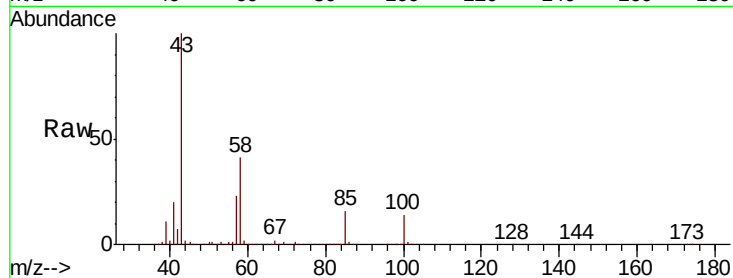
58 40.3 33.1 49.7

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#52

Toluene

Concen: 48.046 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000869.D

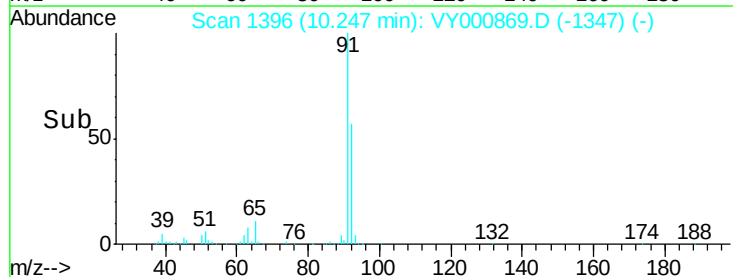
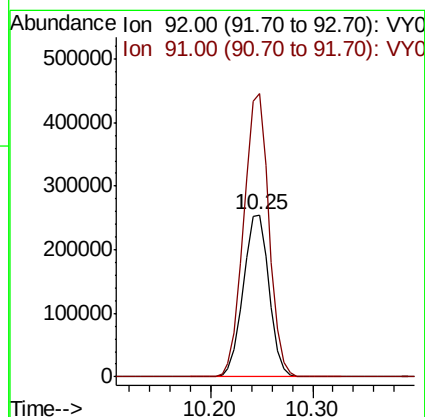
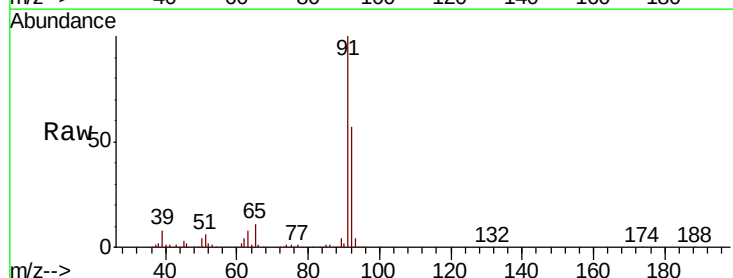
Acq: 04 Dec 2019 18:27

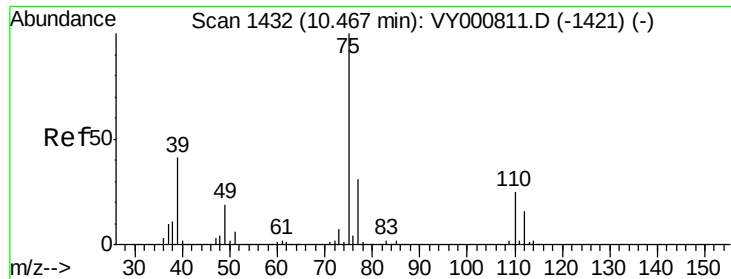
Tgt Ion: 92 Resp: 445497

Ion Ratio Lower Upper

92 100

91 171.1 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 50.574 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 250871

Ion Ratio Lower Upper

75 100

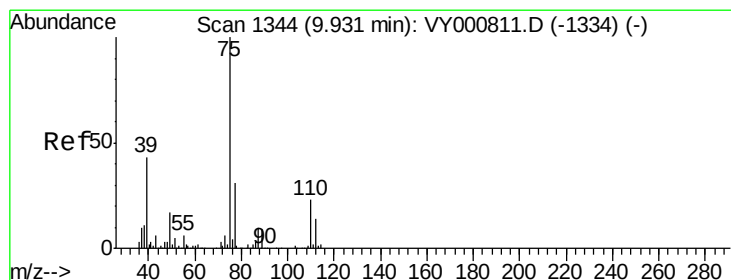
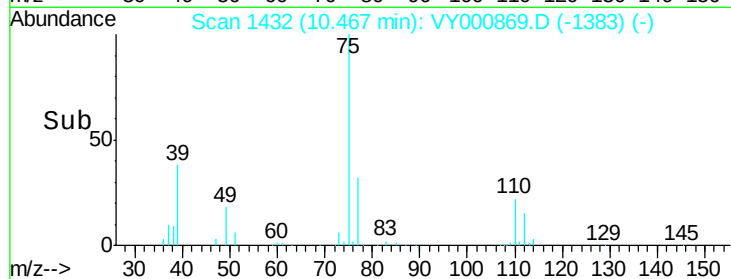
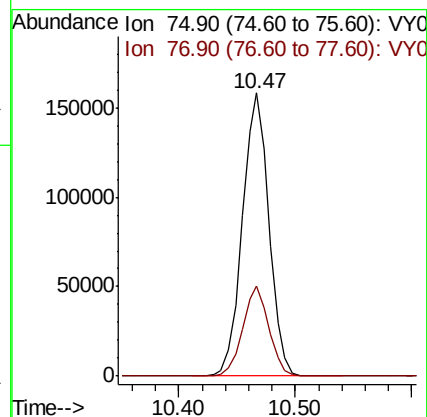
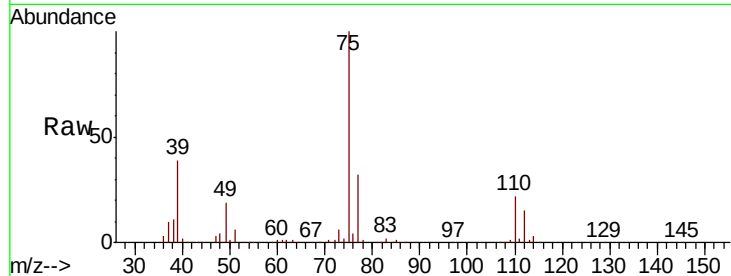
77 31.8 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.501 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

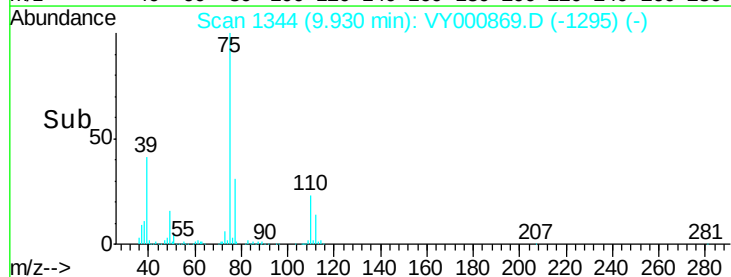
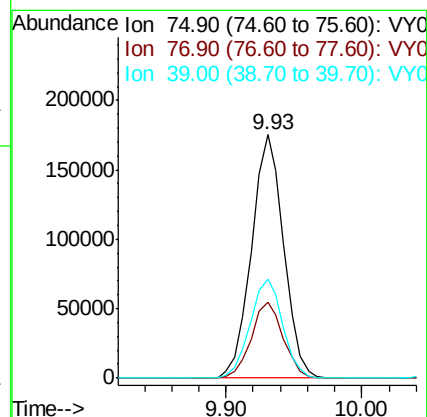
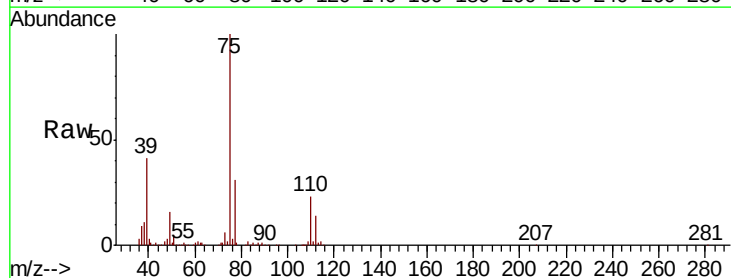
Tgt Ion: 75 Resp: 290238

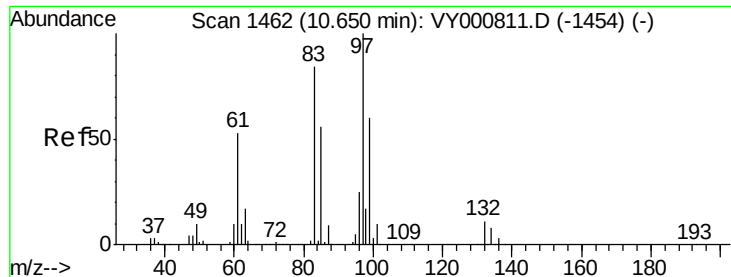
Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

39 40.7 34.5 51.7





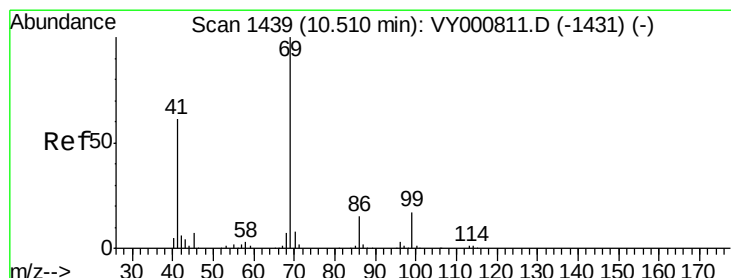
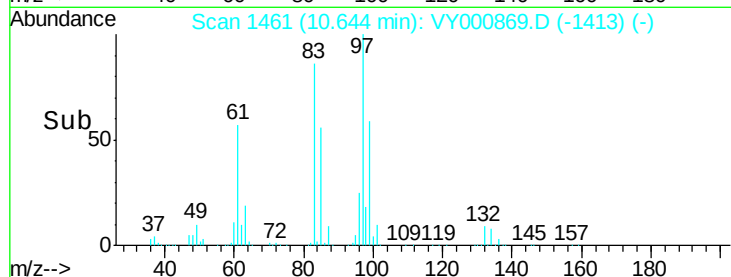
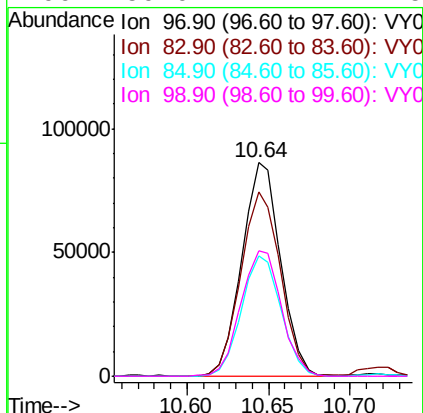
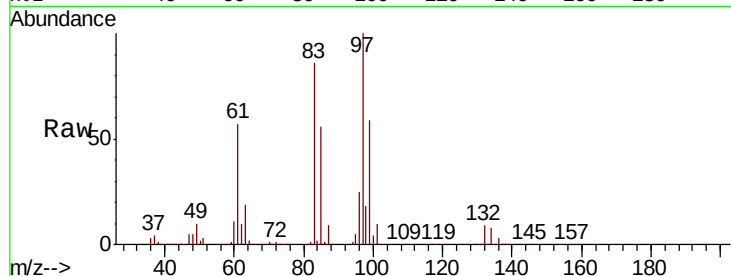
#55
 1,1,2-Trichloroethane
 Concen: 48.814 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	141746
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.5	101.3
85	56.6	44.5	66.7
99	59.0	47.7	71.5

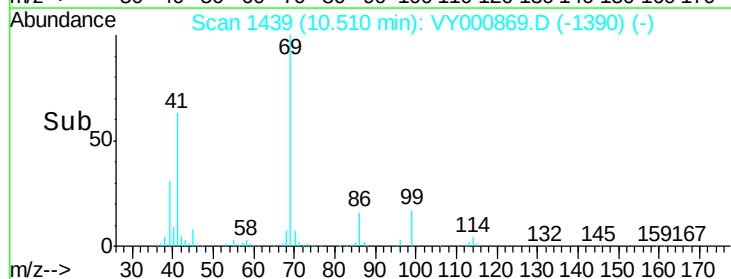
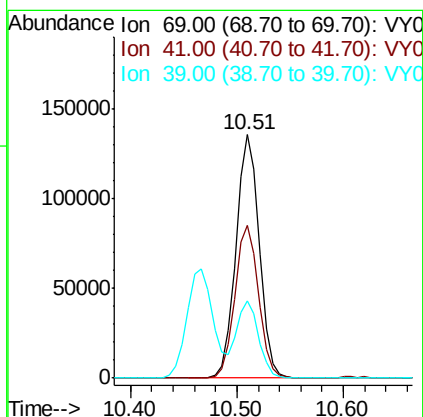
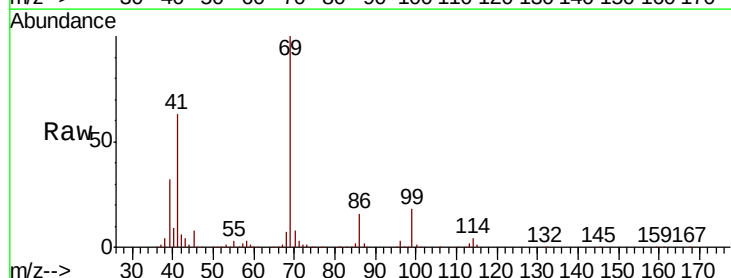
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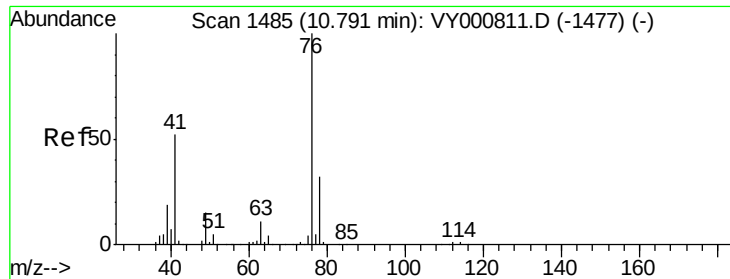
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#56
 Ethyl methacrylate
 Concen: 50.351 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion:	69	Resp:	209156
Ion	Ratio	Lower	Upper
69	100		
41	62.9	49.0	73.6
39	29.4	23.1	34.7





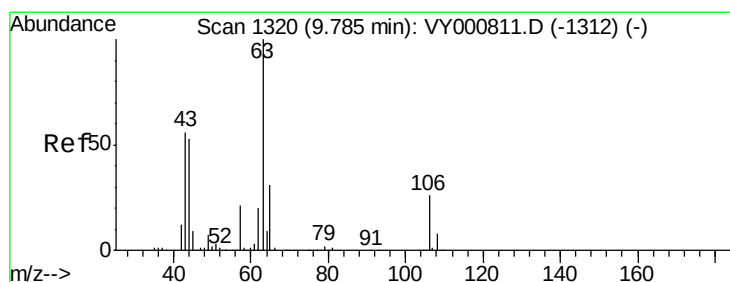
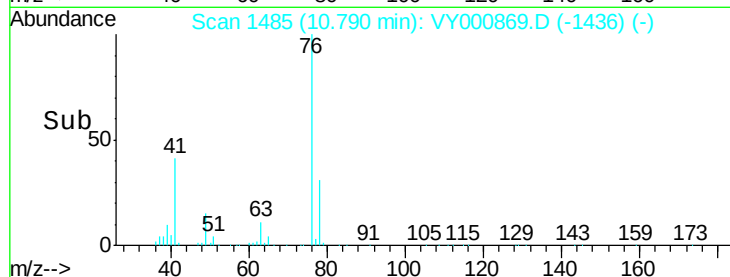
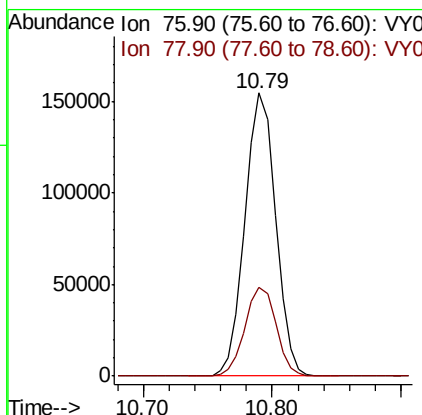
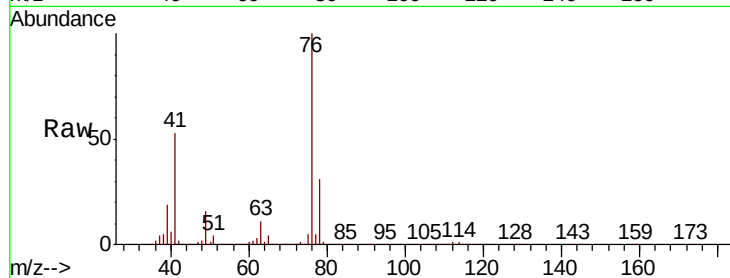
#57
 1,3-Dichloropropane
 Concen: 50.323 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.4	39.6

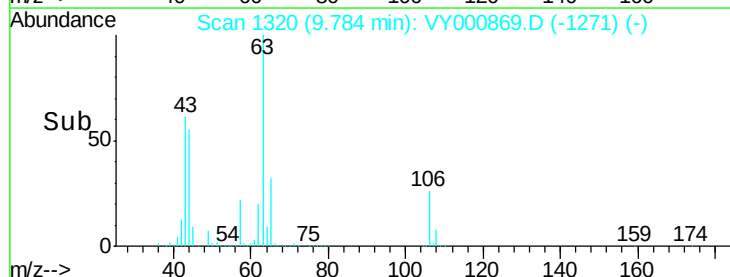
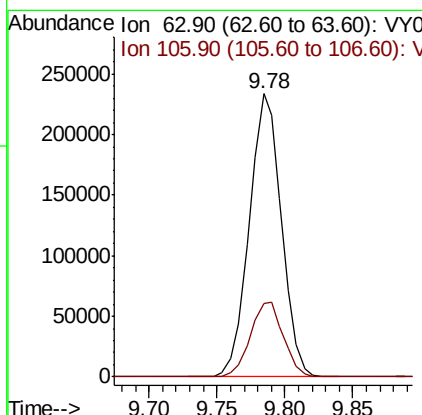
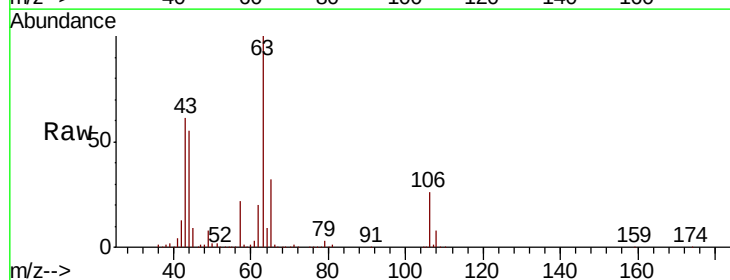
Manual Integrations
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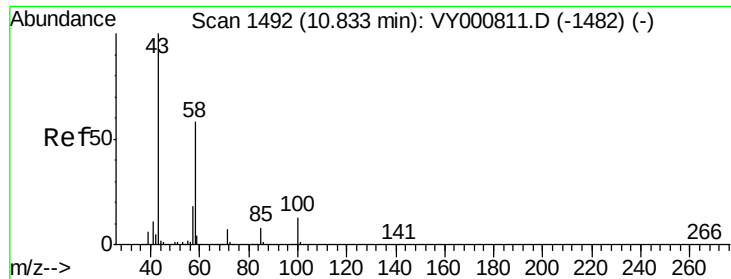
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#58
 2-Chloroethyl Vinyl ether
 Concen: 230.990 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.5	32.3





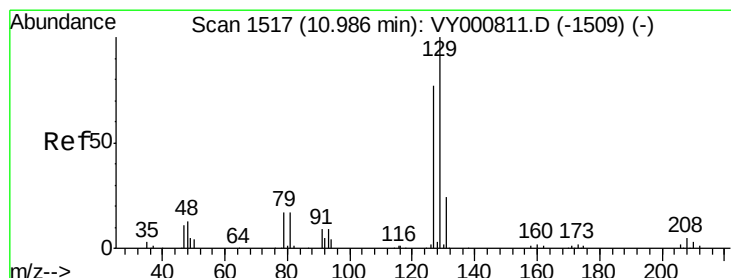
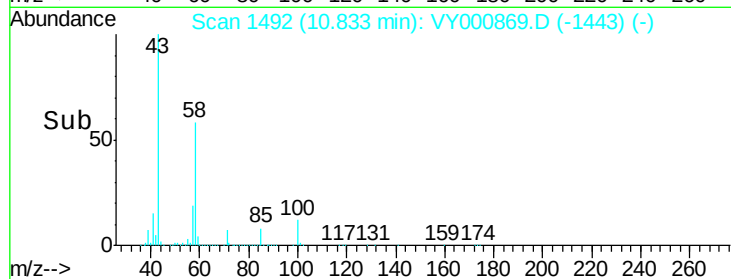
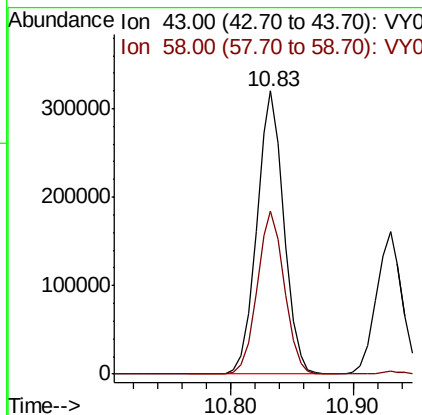
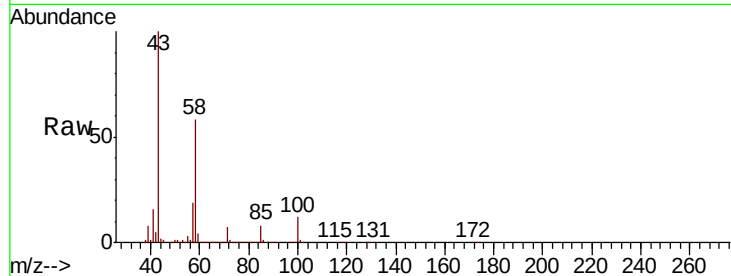
#59
2-Hexanone
Concen: 232.728 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.1	29.0	87.1

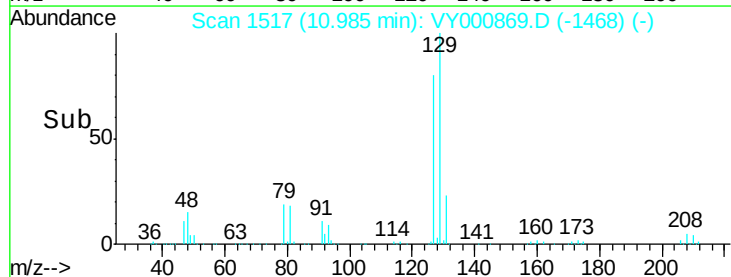
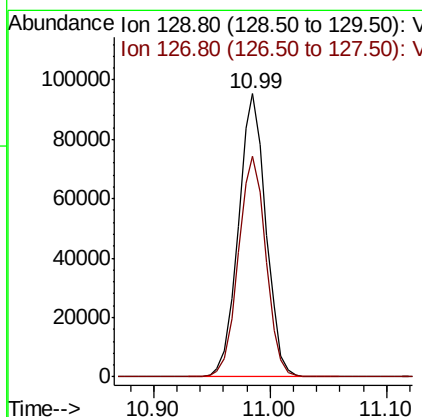
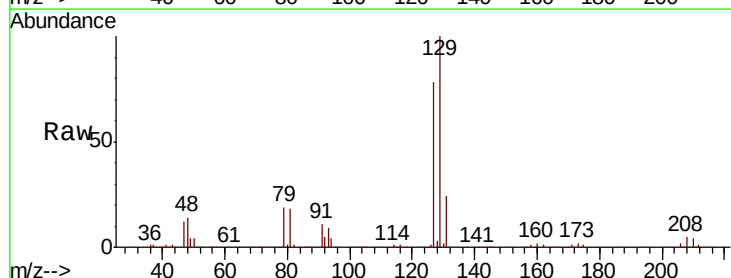
Manual Integrations
APPROVED

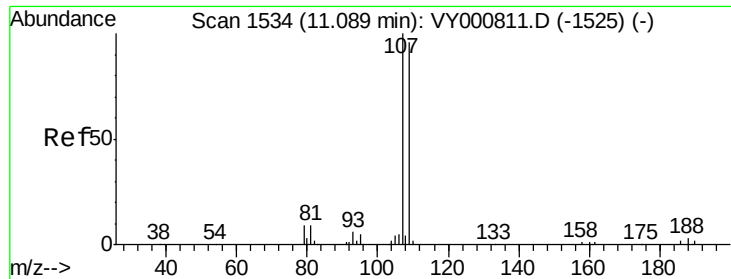
apatel
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#60
Dibromochloromethane
Concen: 50.264 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.1	117.2





#61

1,2-Dibromoethane

Concen: 50.008 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 136855

Ion Ratio Lower Upper

107 100

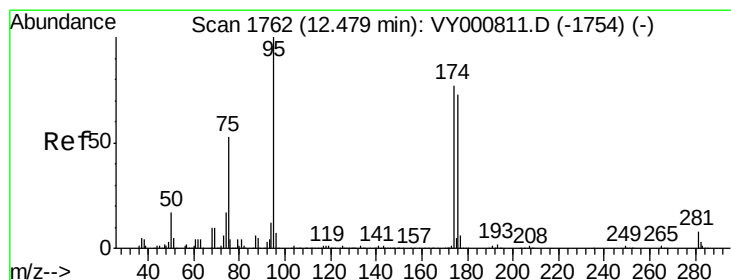
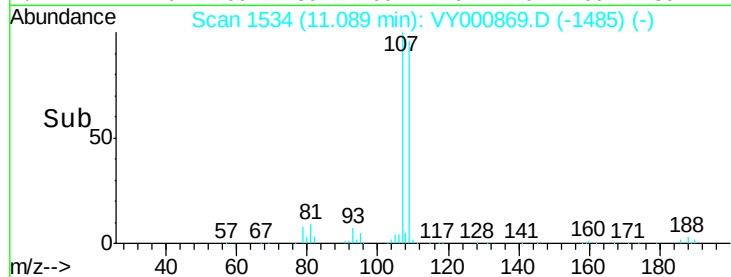
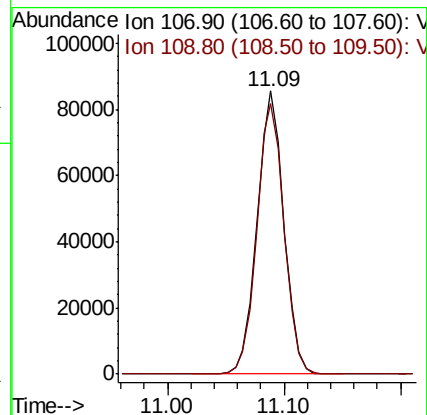
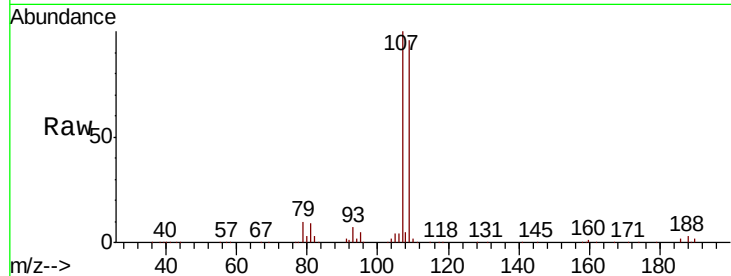
109 97.0 75.9 113.9

Manual Integrations

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apatel

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#62

4-Bromofluorobenzene

Concen: 47.028 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

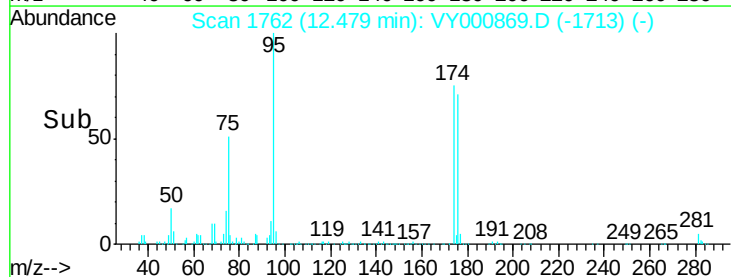
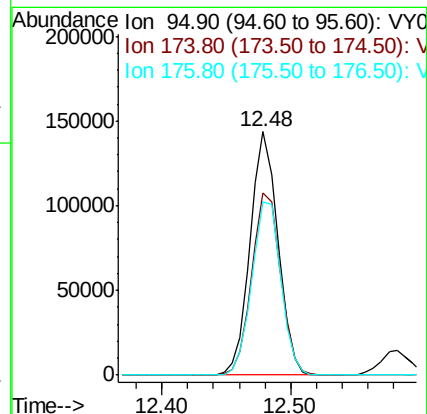
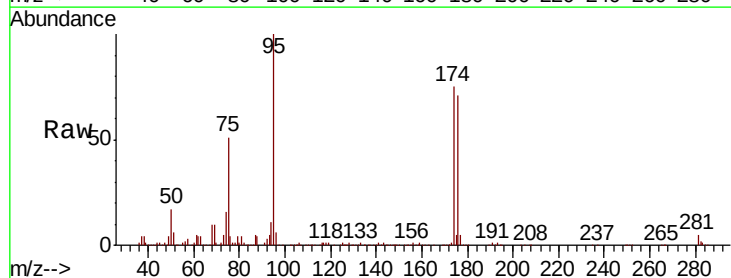
Tgt Ion: 95 Resp: 212786

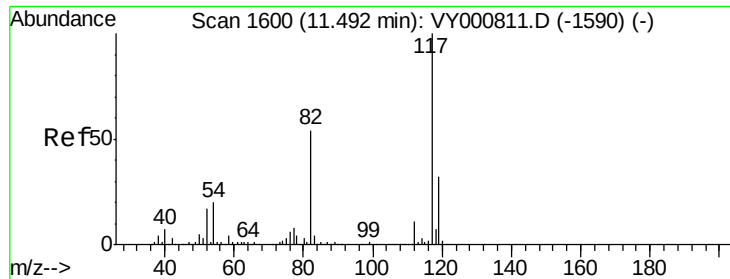
Ion Ratio Lower Upper

95 100

174 77.7 0.0 150.6

176 74.7 0.0 145.2





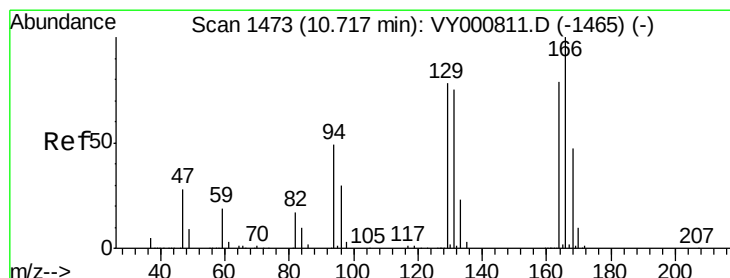
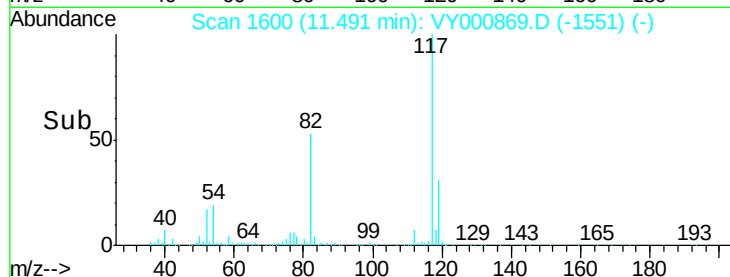
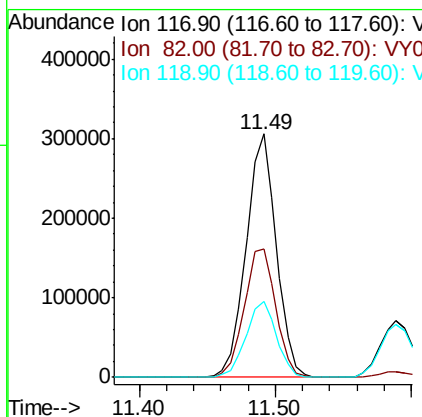
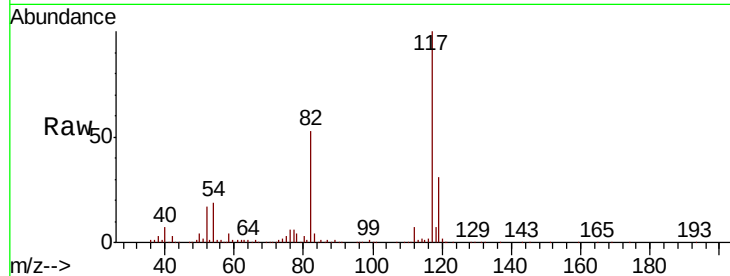
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.1	64.7
119	31.1	25.3	37.9

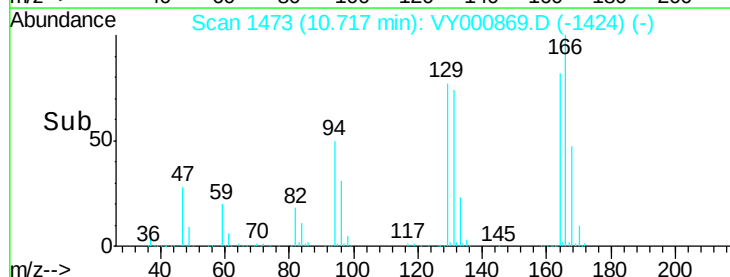
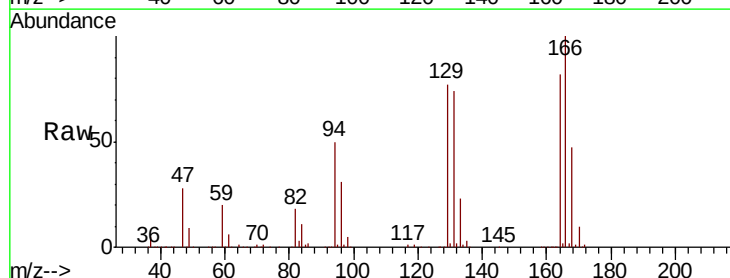
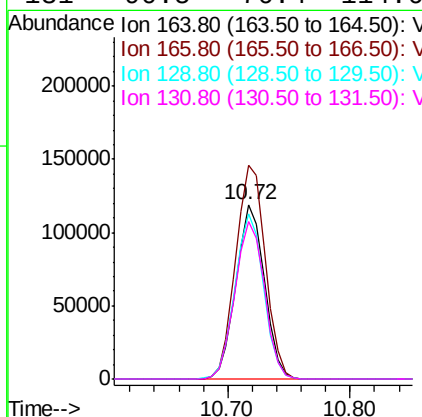
Manual Integrations
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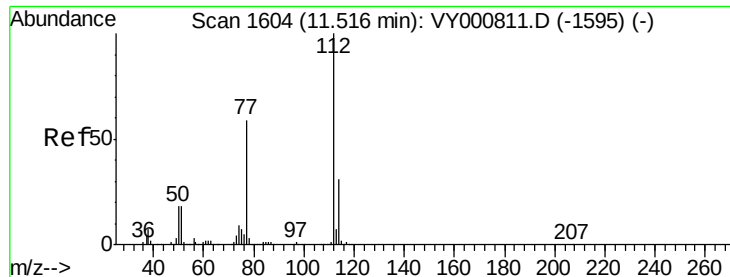
apatel
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#64
Tetrachloroethene
Concen: 46.555 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	101.8	152.8
129	94.7	79.3	118.9
131	90.5	76.4	114.6





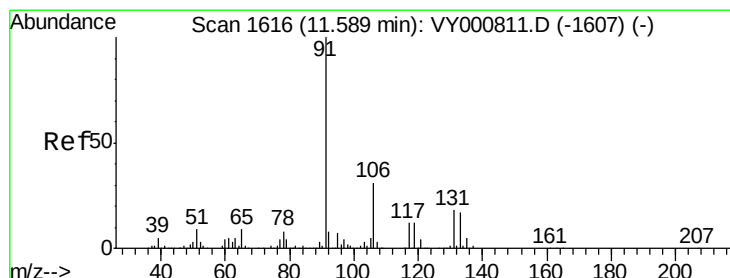
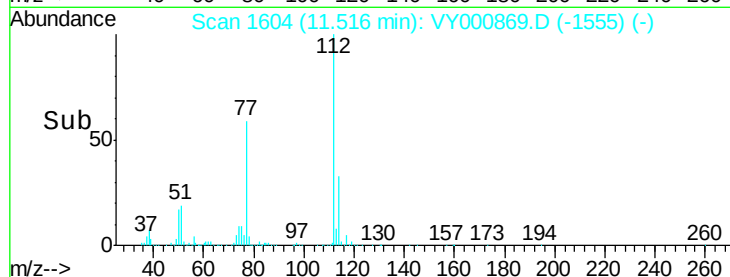
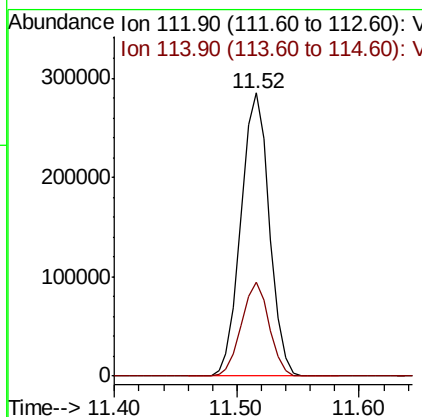
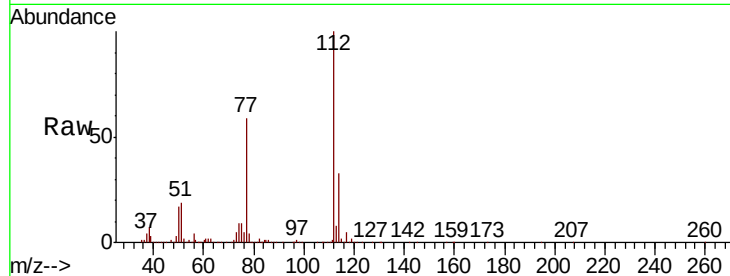
#65
Chlorobenzene
Concen: 46.601 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.1	37.7

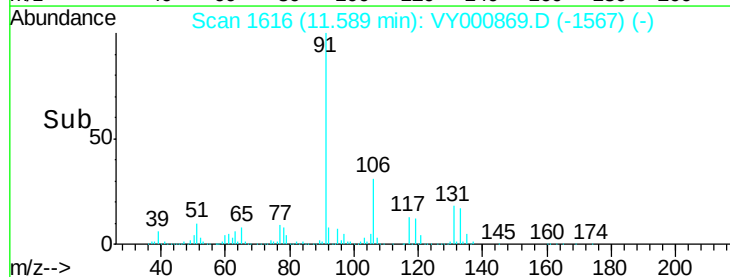
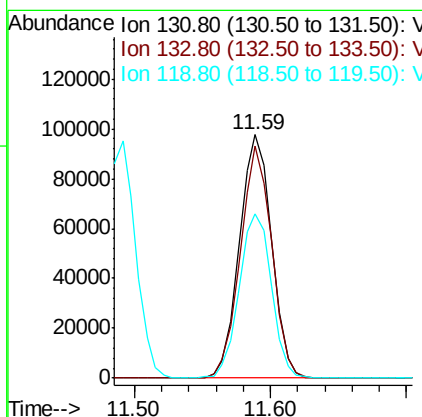
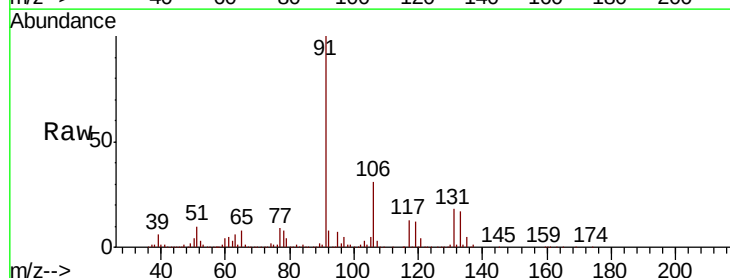
Manual Integrations
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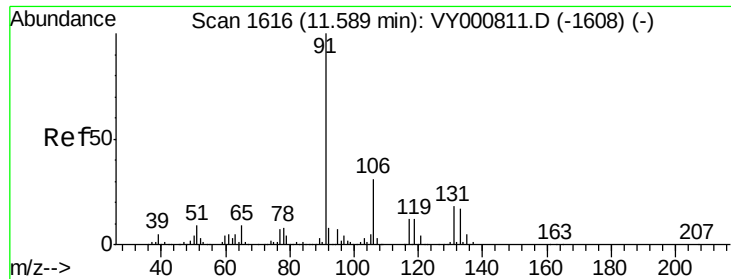
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.425 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.4	142.2
119	67.6	33.8	101.3





#67

Ethyl Benzene

Concen: 46.786 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 858718

Ion Ratio Lower Upper

91 100

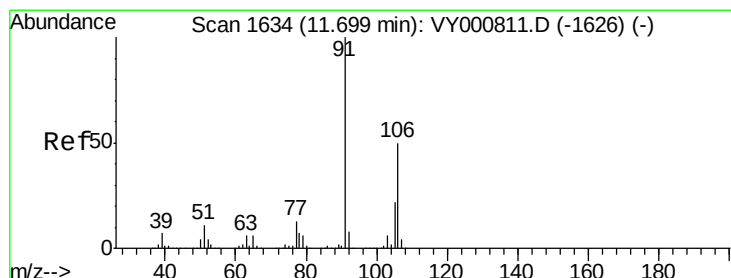
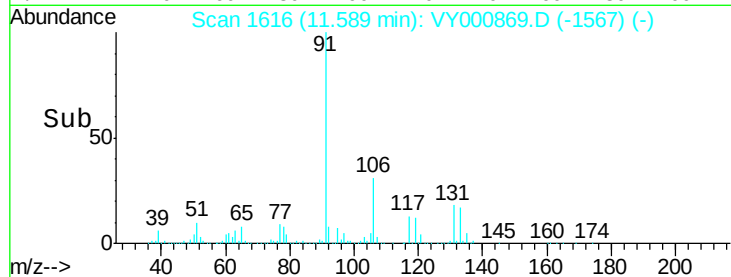
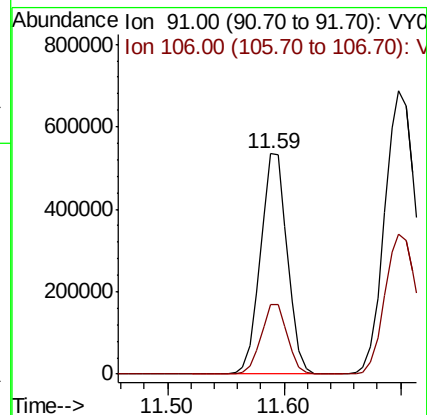
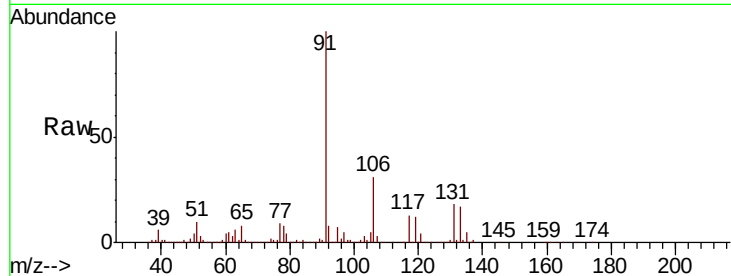
106 31.3 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 92.997 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000869.D

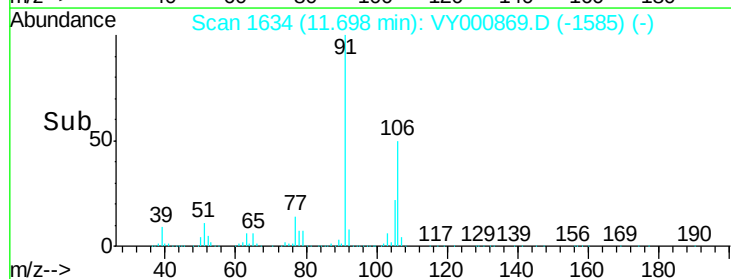
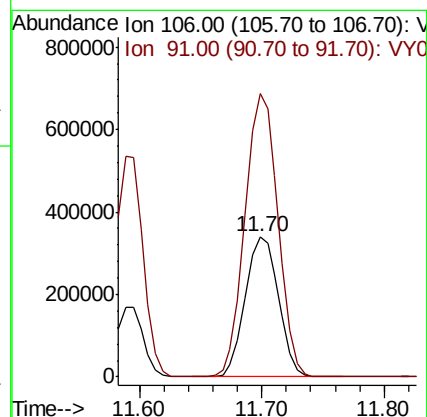
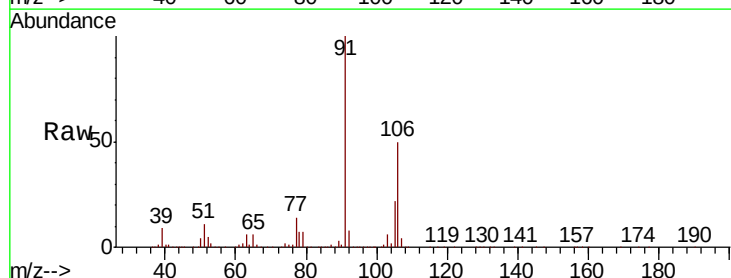
Acq: 04 Dec 2019 18:27

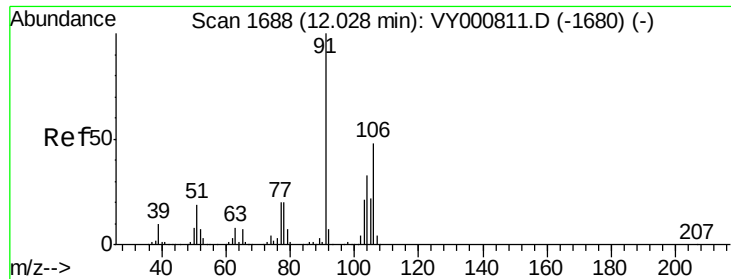
Tgt Ion: 106 Resp: 640671

Ion Ratio Lower Upper

106 100

91 200.7 159.6 239.4





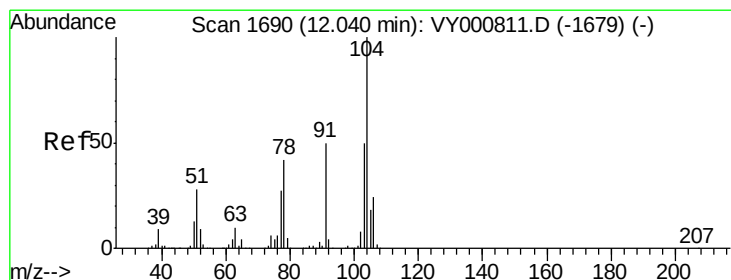
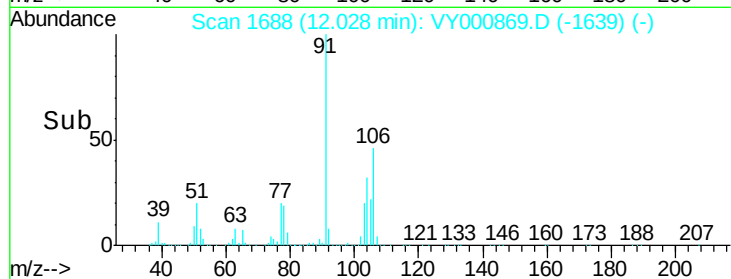
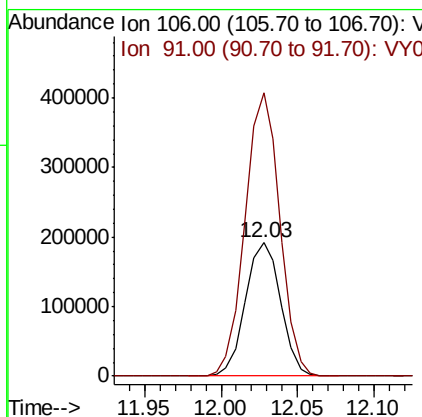
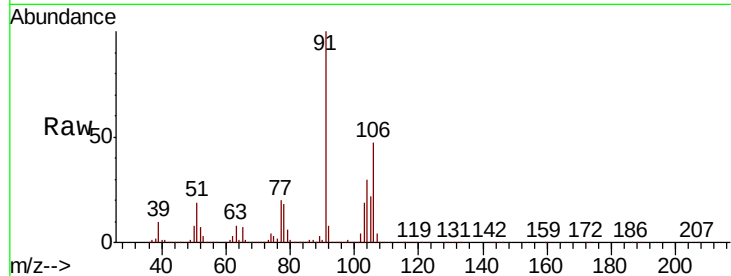
#69
o-Xylene
Concen: 47.805 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.4	106.1	318.1	

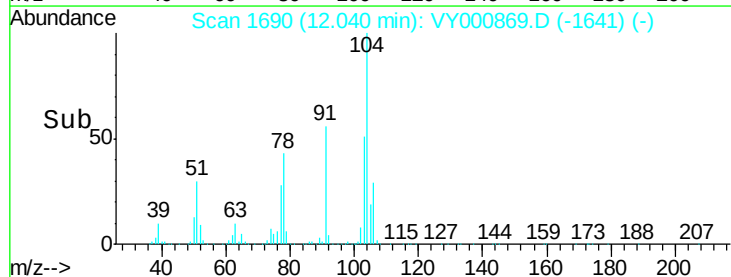
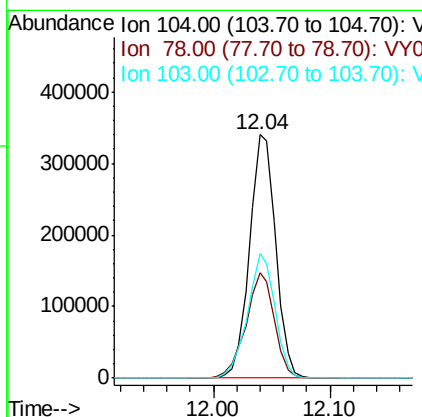
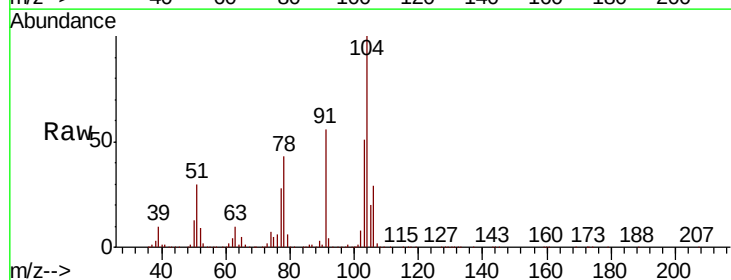
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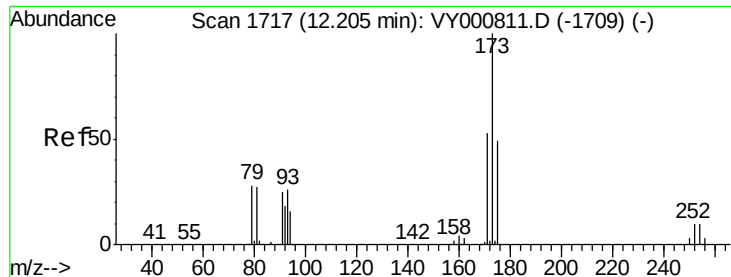
apatel
12/5/2019 2:58:38 PM



#70
Styrene
Concen: 48.587 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.8	38.2	57.4	
103	53.9	43.4	65.0	





#71

Bromoform

Concen: 49.299 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

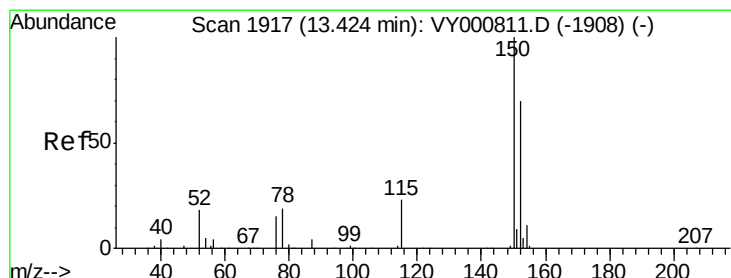
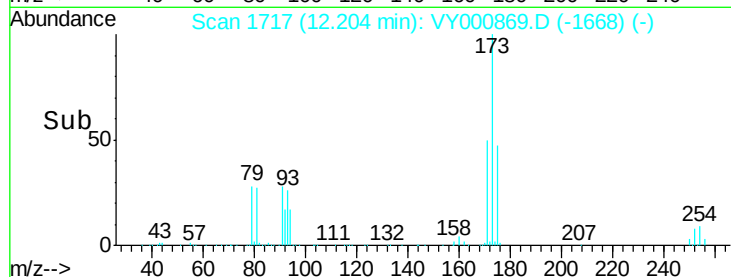
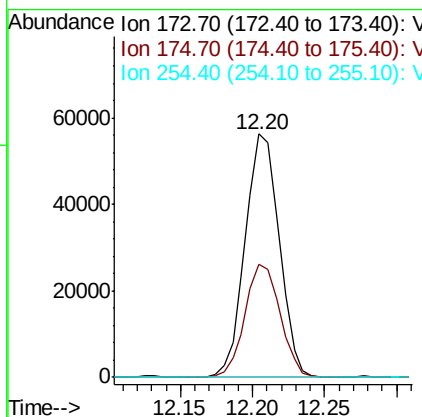
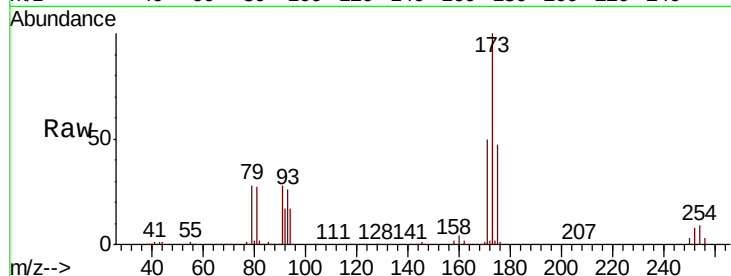
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

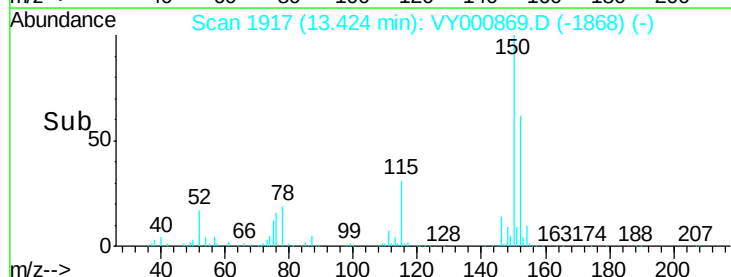
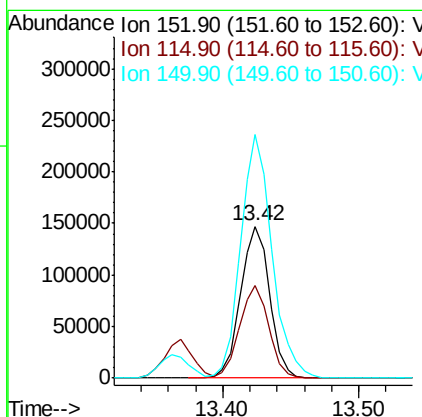
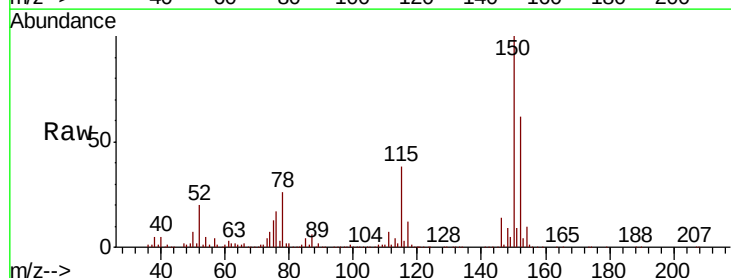
RT: 13.42 min Scan# 1917

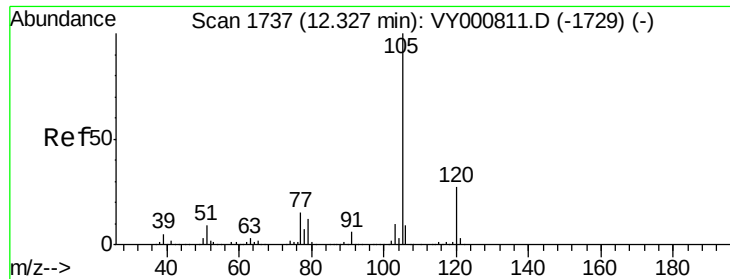
Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.3	87.8
150	173.0	0.0	351.2





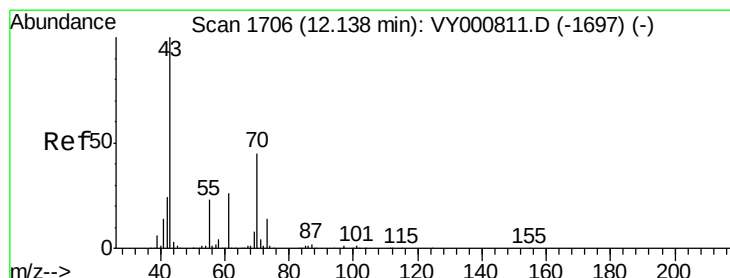
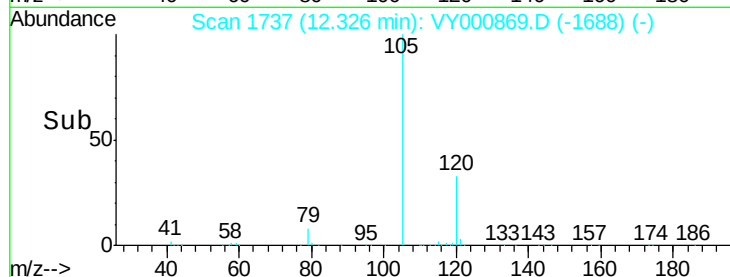
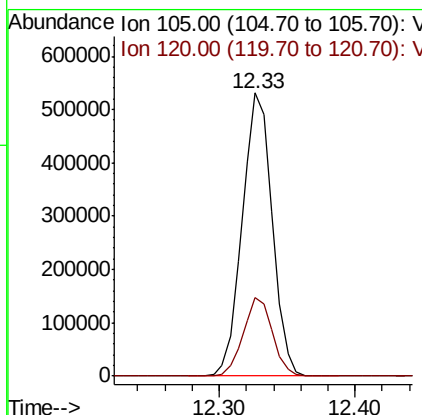
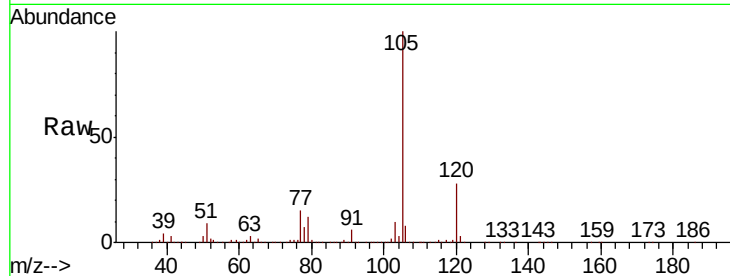
#73
Isopropylbenzene
Concen: 46.779 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.4	40.2

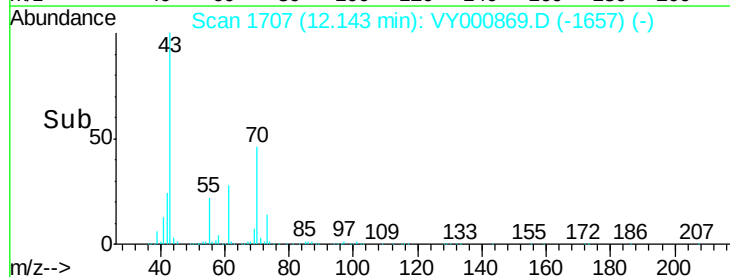
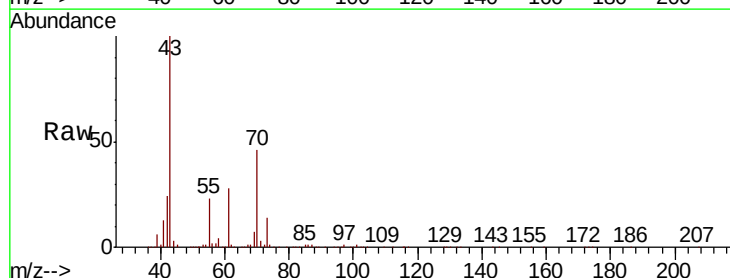
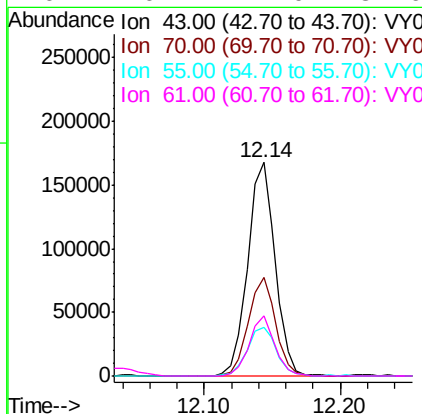
Manual Integrations
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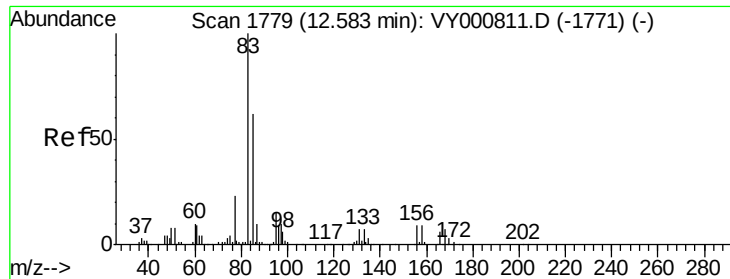
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12/5/2019 2:58:38 PM



#74
N-ethyl acetate
Concen: 48.656 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.5	36.6	54.8
55	23.9	18.8	28.2
61	26.4	21.0	31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.707 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 167355

Ion Ratio Lower Upper

83 100

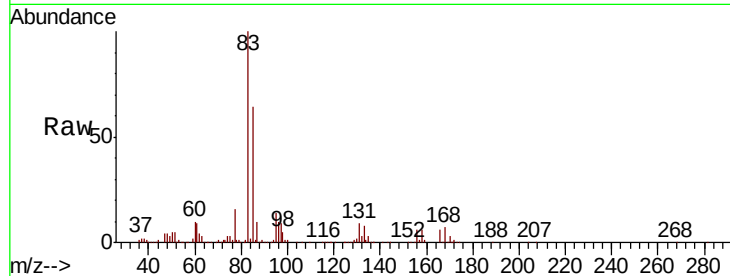
131 9.4 4.3 13.1

85 64.1 32.4 97.0

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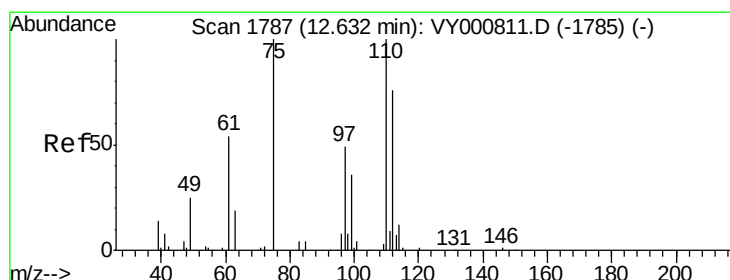
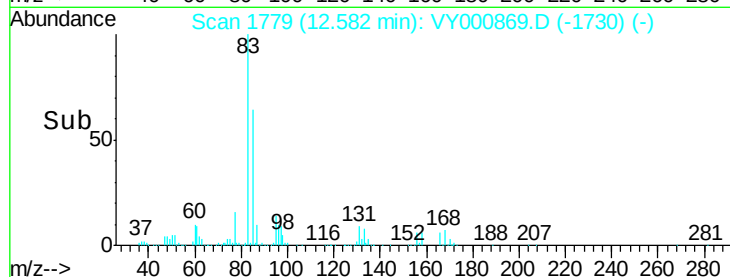


Abundance Ion 82.90 (82.60 to 83.60): VY000869.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000869.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000869.D (-1730) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 49.311 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000869.D

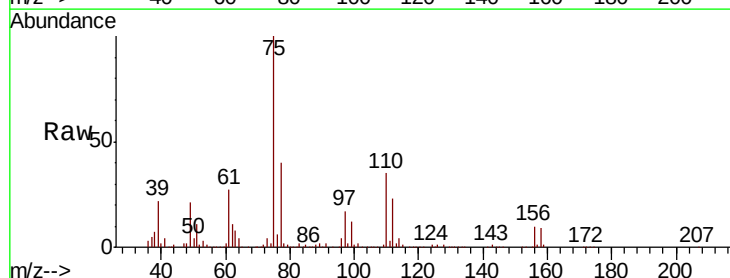
Acq: 04 Dec 2019 18:27

Tgt Ion: 75 Resp: 122359

Ion Ratio Lower Upper

75 100

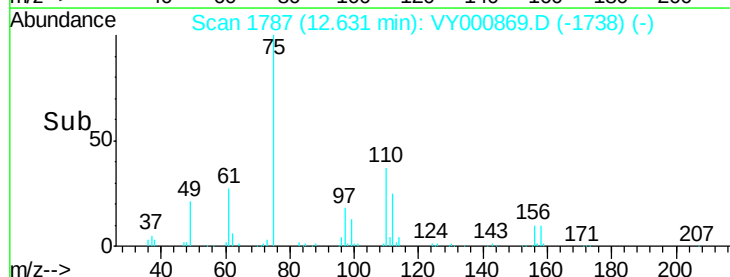
77 0.0 0.0 0.0

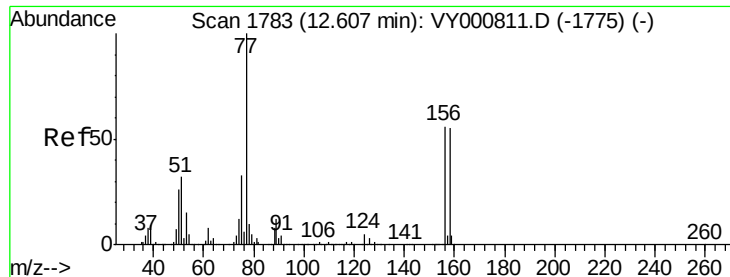


Abundance Ion 74.90 (74.60 to 75.60): VY000869.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY000869.D (-1738) (-)

Time-->





#77

Bromobenzene

Concen: 47.934 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

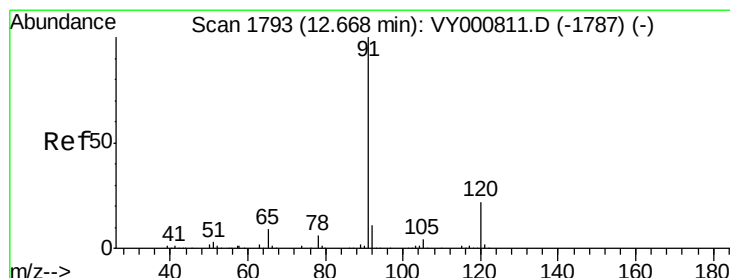
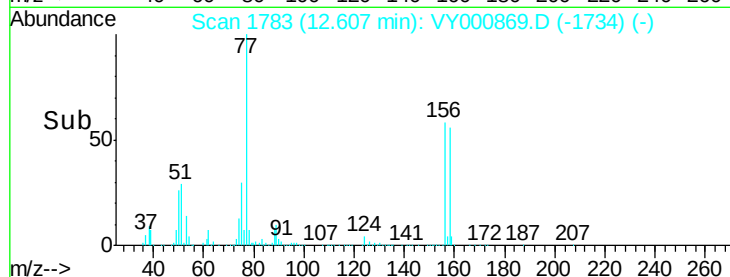
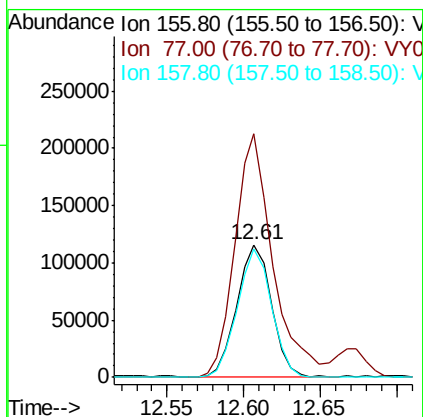
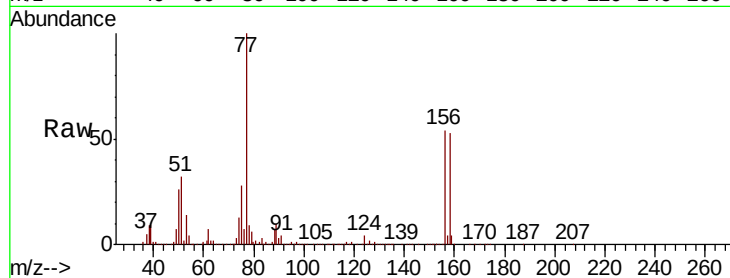
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	181187
Ion Ratio	Lower	Upper	
156	100		
77	201.3	102.6	307.7
158	96.3	47.6	142.8

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#78

n-propylbenzene

Concen: 46.907 ug/l

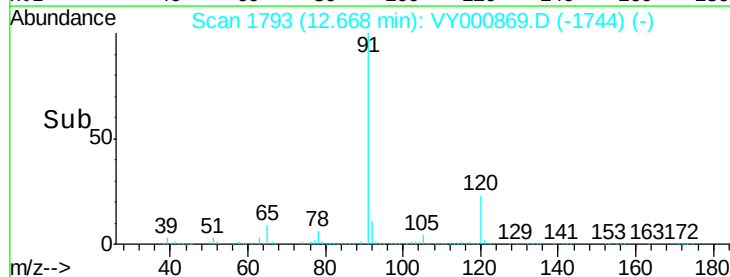
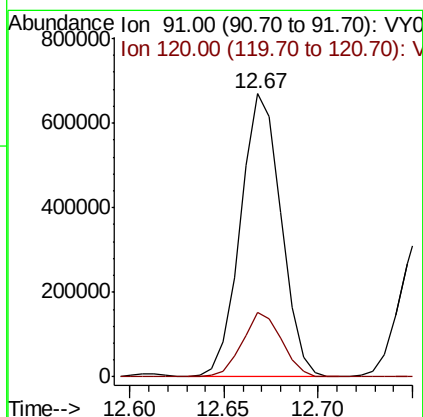
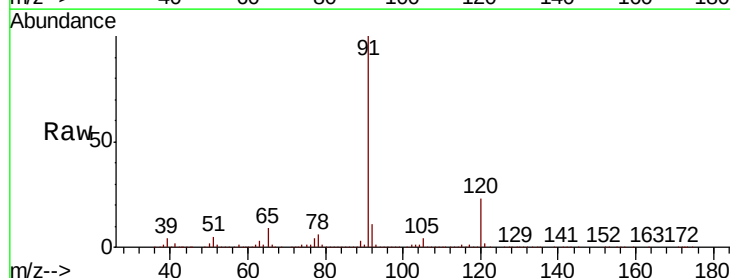
RT: 12.67 min Scan# 1793

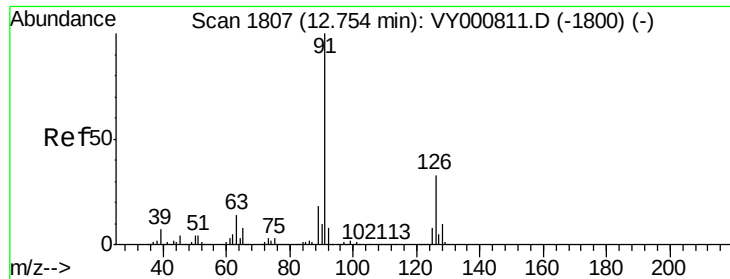
Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Tgt Ion:	91	Resp:	998749
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 46.872 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 551343

Ion Ratio Lower Upper

91 100

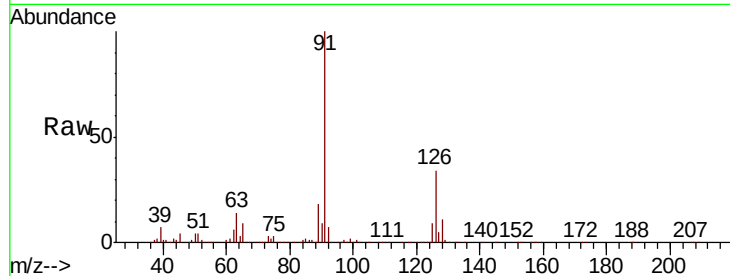
126 34.2 17.0 51.0

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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

600000

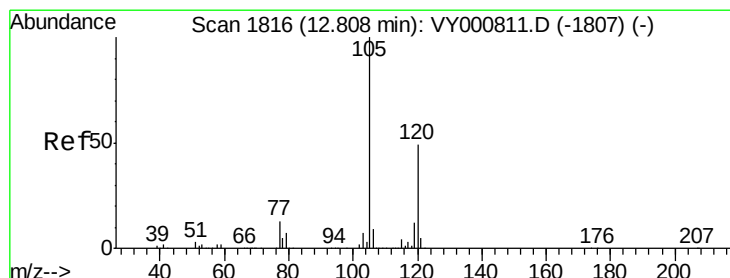
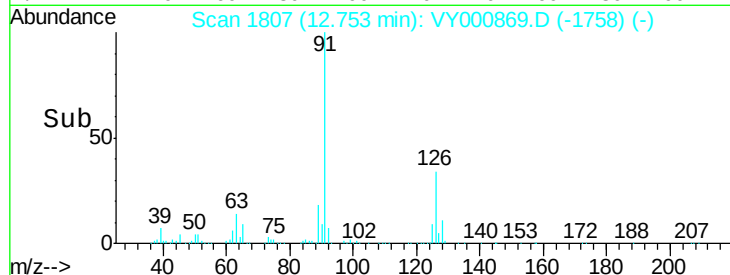
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.218 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000869.D

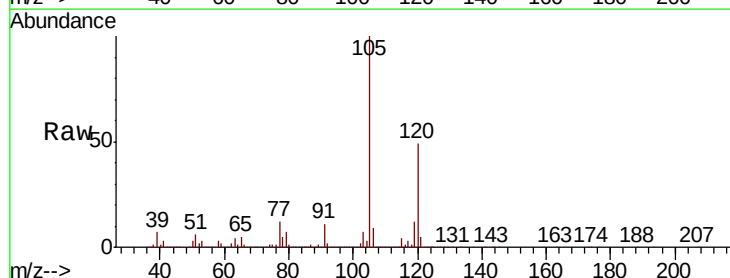
Acq: 04 Dec 2019 18:27

Tgt Ion: 105 Resp: 681741

Ion Ratio Lower Upper

105 100

120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

500000

400000

300000

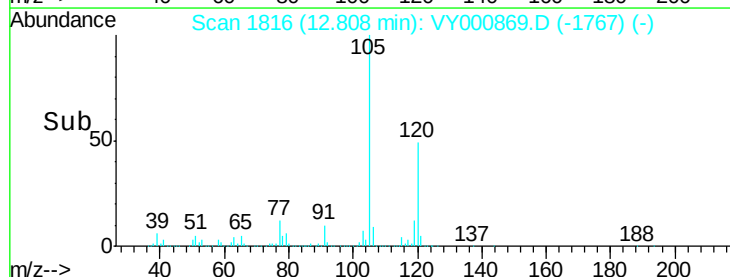
200000

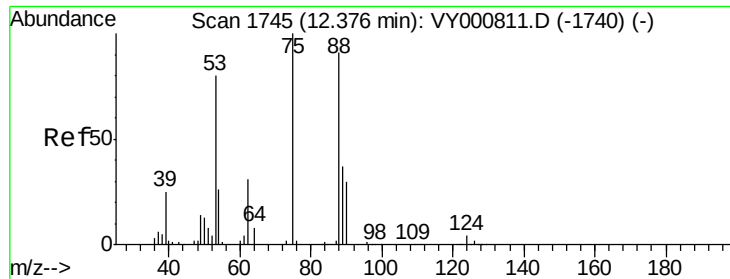
100000

0

12.70 12.80

Time-->





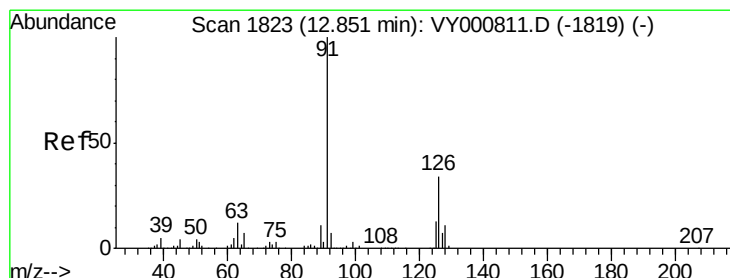
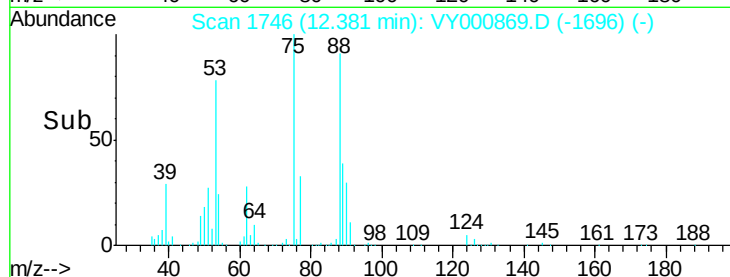
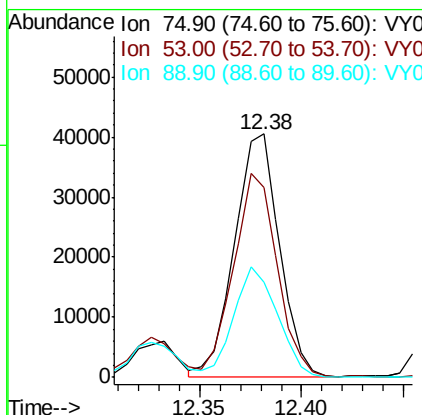
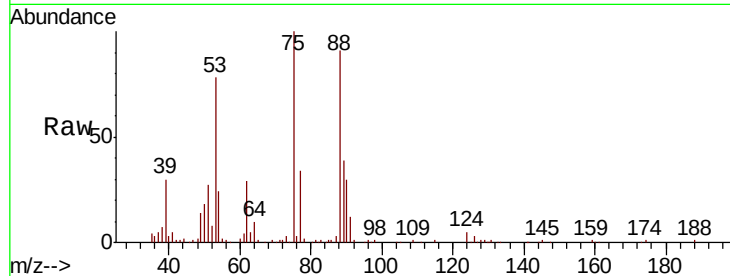
#81
trans-1,4-Dichloro-2-butene
Concen: 48.655 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.5	64.6	96.8
89	44.3	33.6	50.4

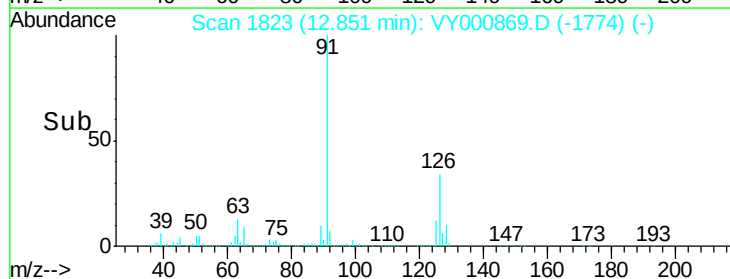
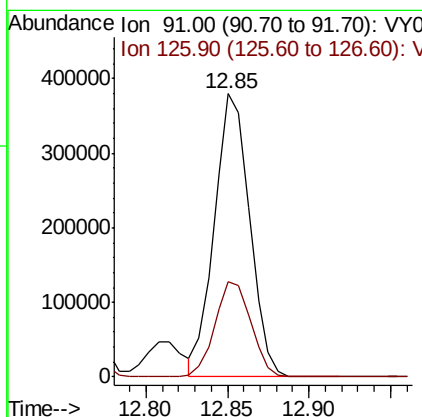
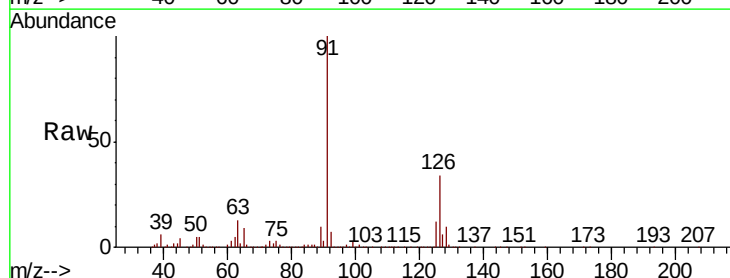
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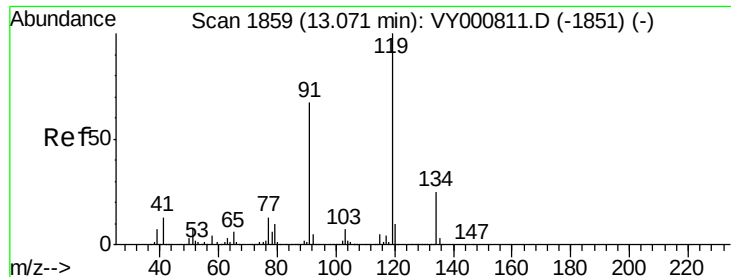
apatel
12/5/2019 2:58:38 PM



#82
4-Chlorotoluene
Concen: 47.215 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.3	51.9





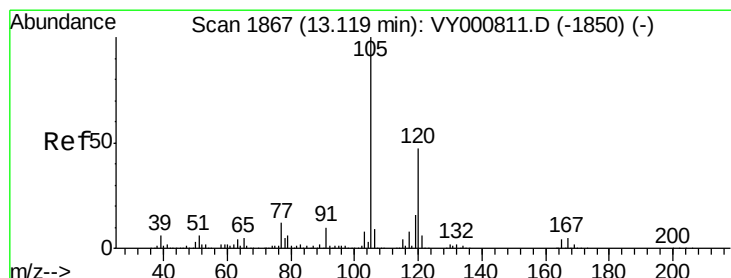
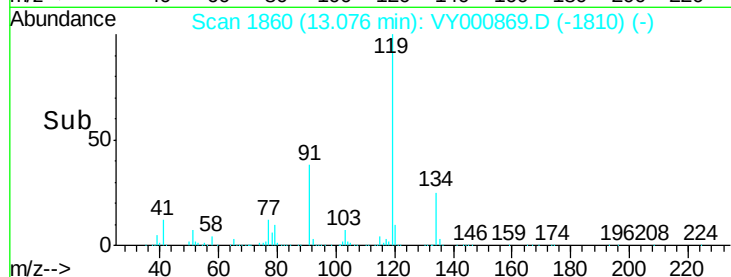
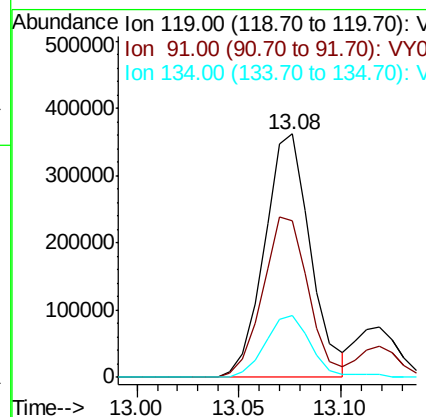
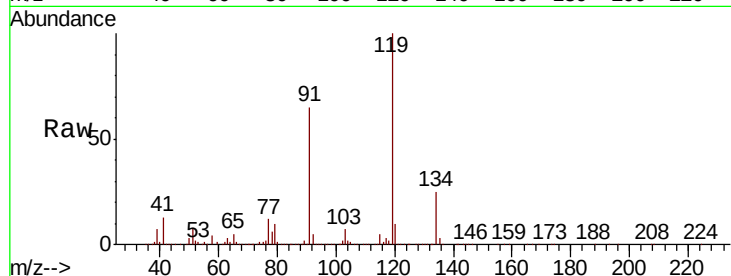
#83
 tert-Butylbenzene
 Concen: 46.850 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.3	96.8
134	25.8	12.9	38.7

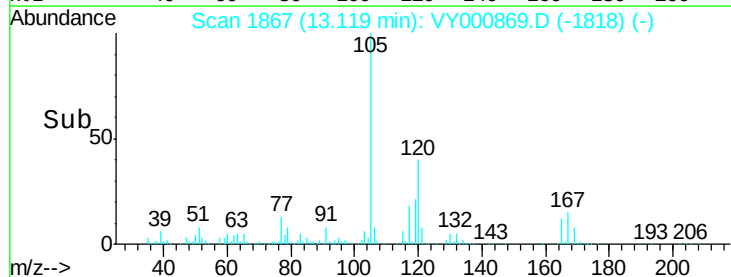
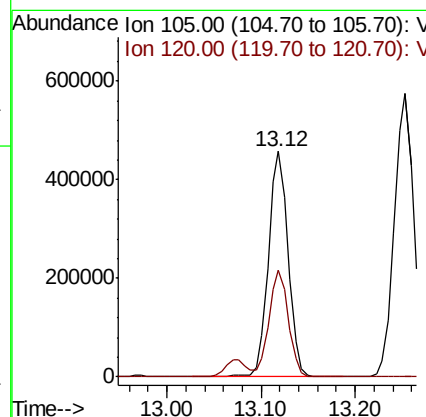
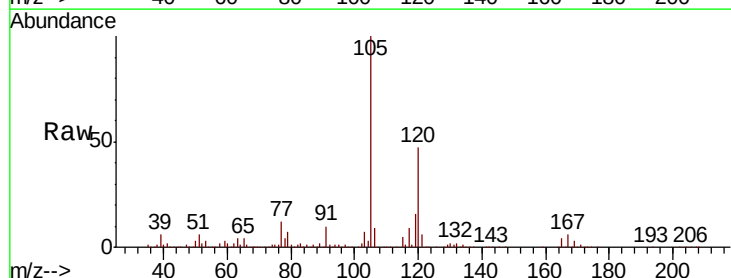
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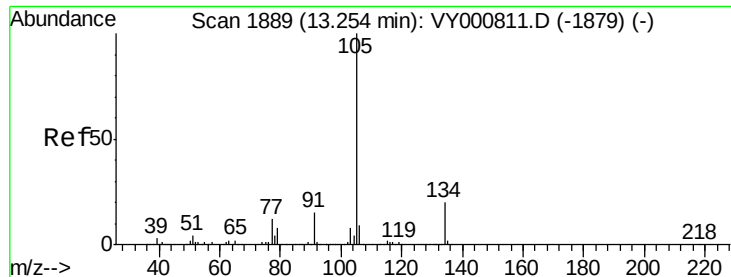
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.796 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 46.979 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 829369

Ion Ratio Lower Upper

105 100

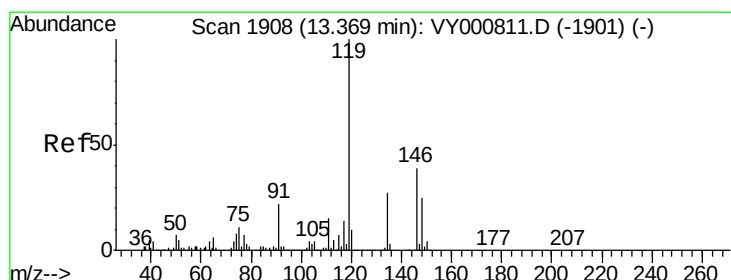
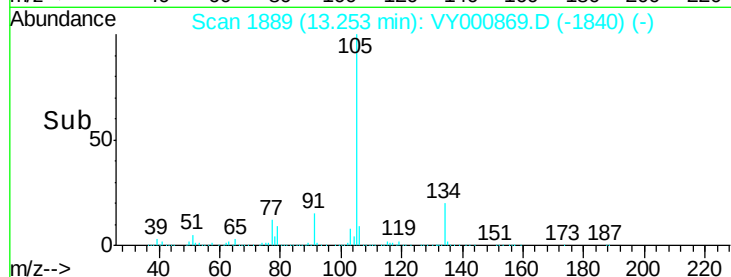
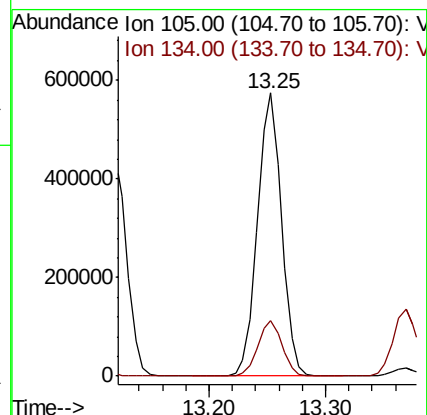
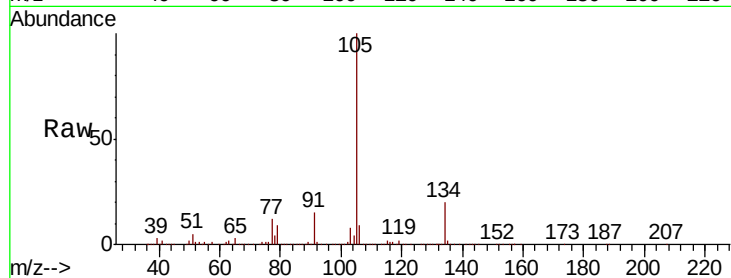
134 19.9 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 47.113 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

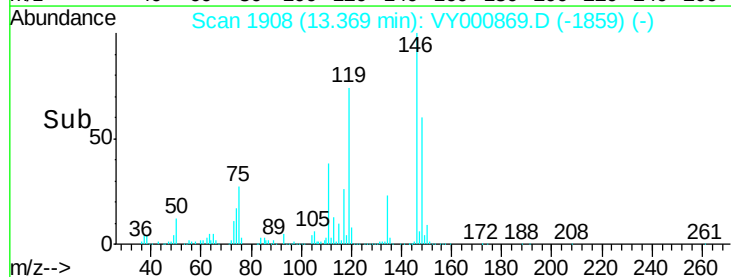
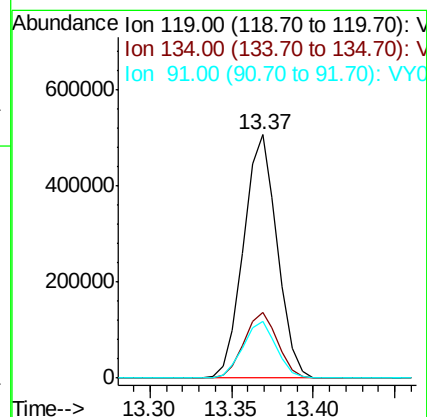
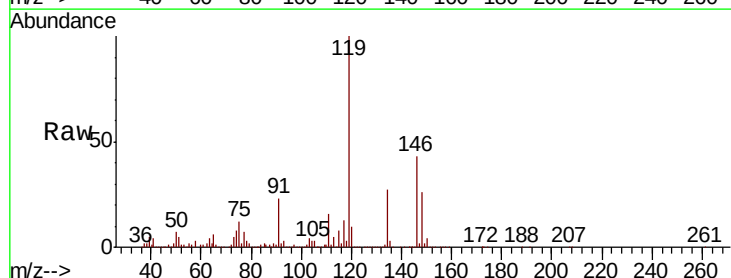
Tgt Ion:119 Resp: 723434

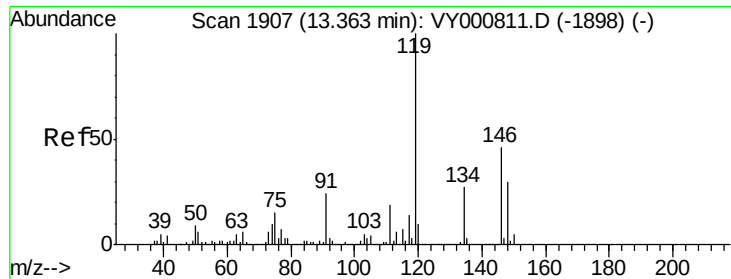
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 23.1 11.5 34.5





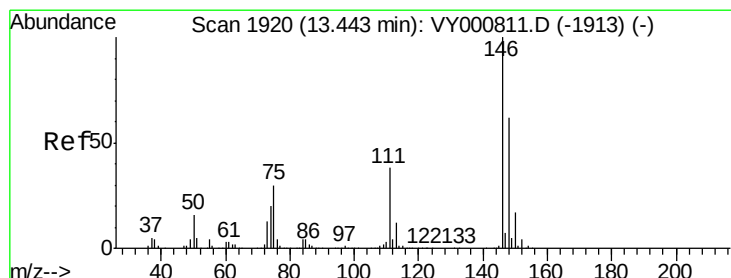
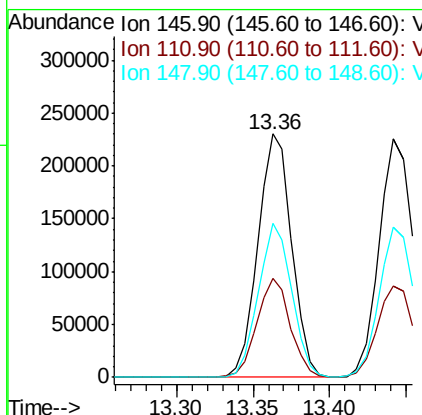
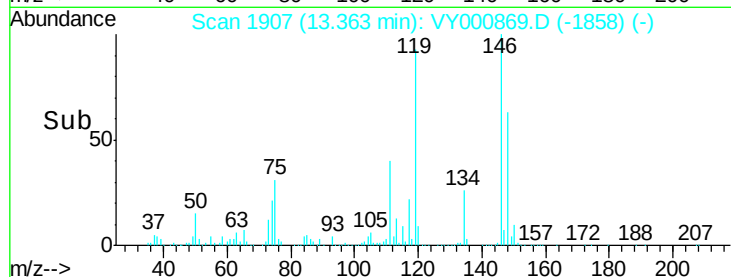
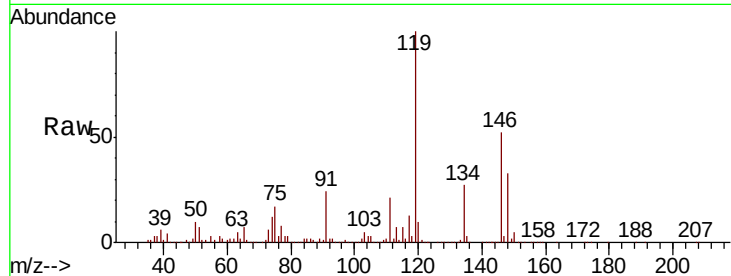
#87
 1,3-Dichlorobenzene
 Concen: 47.626 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	62.8	32.1	96.5

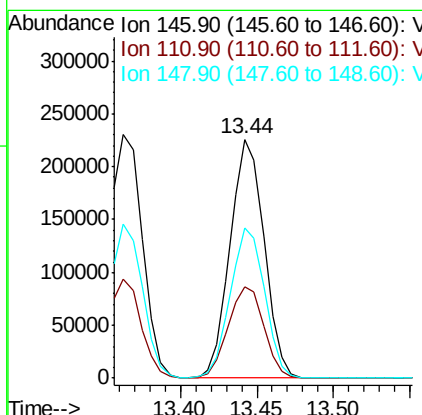
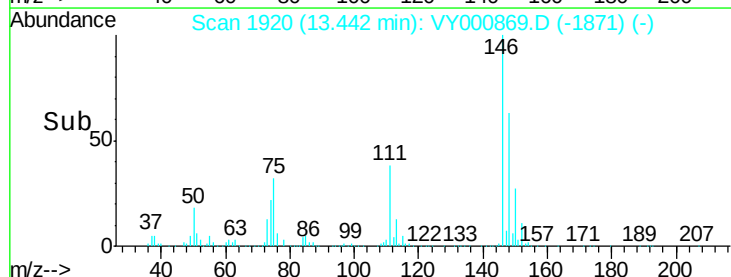
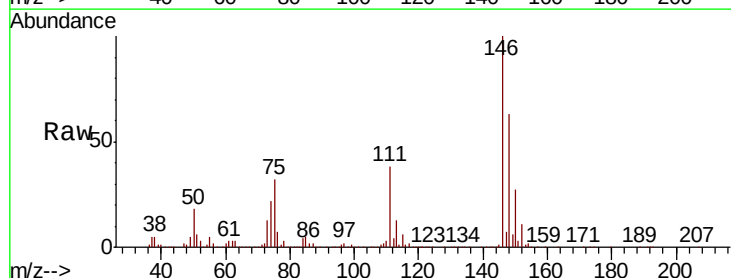
Manual Integrations
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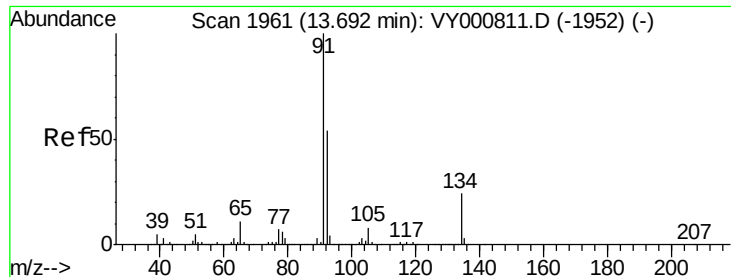
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#88
 1,4-Dichlorobenzene
 Concen: 47.626 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.6	31.7	95.1





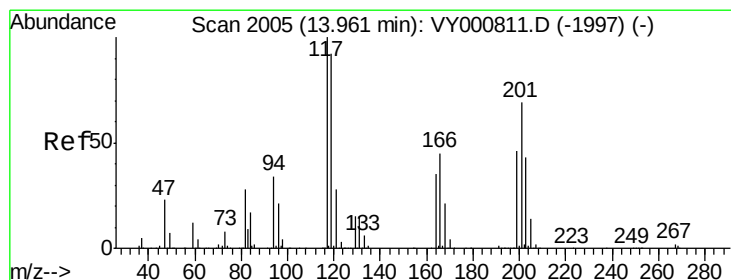
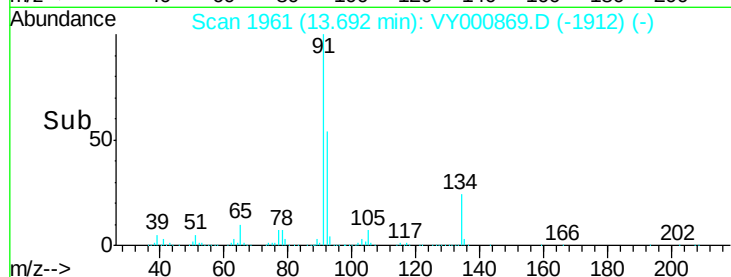
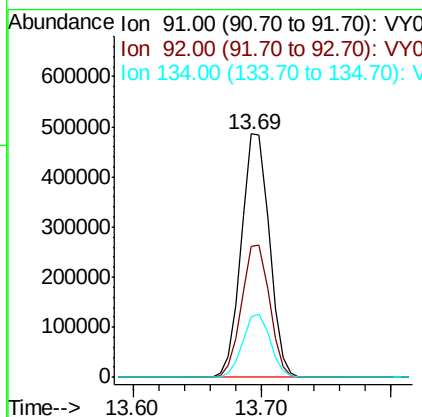
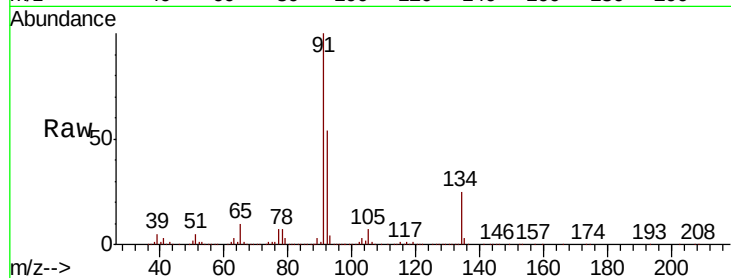
#89
n-Butylbenzene
Concen: 46.961 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.9	80.7
134	25.6	12.6	37.6

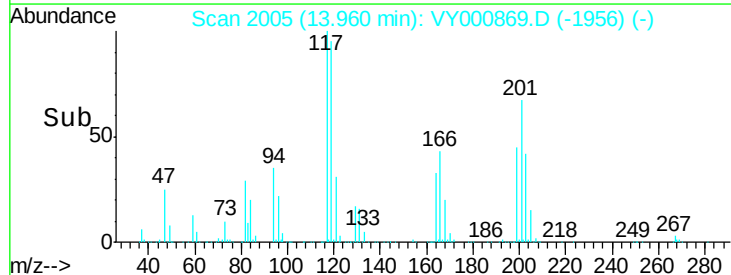
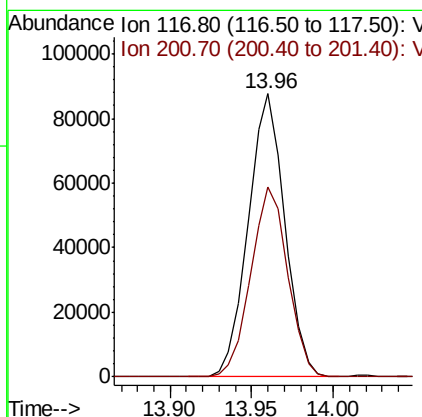
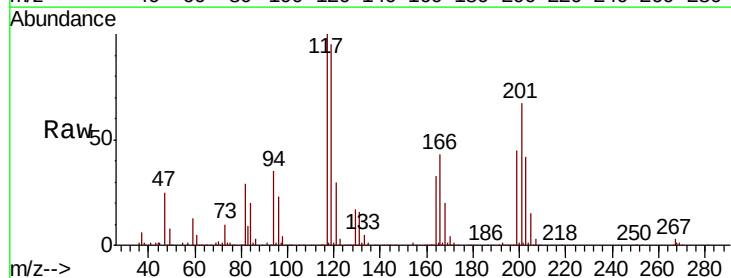
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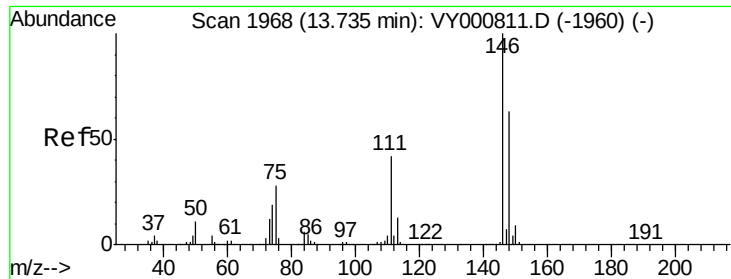
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#90
Hexachloroethane
Concen: 48.326 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	34.0	102.0





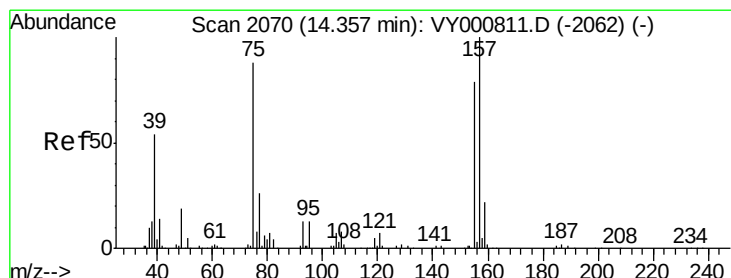
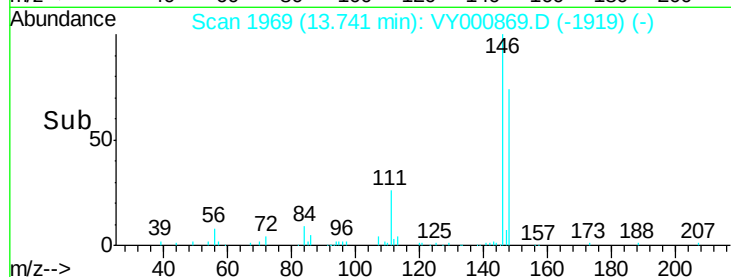
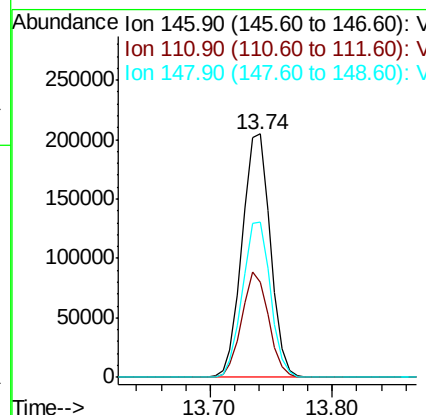
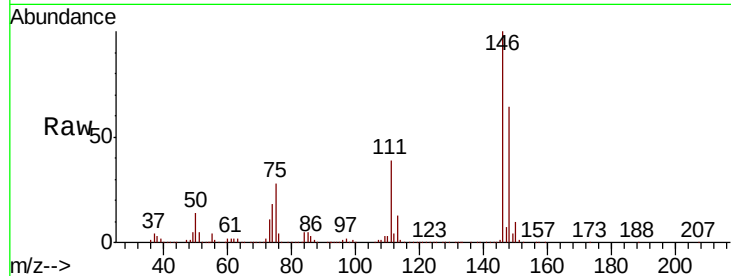
#91
 1,2-Dichlorobenzene
 Concen: 48.840 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.7
148	63.5	32.1	96.3

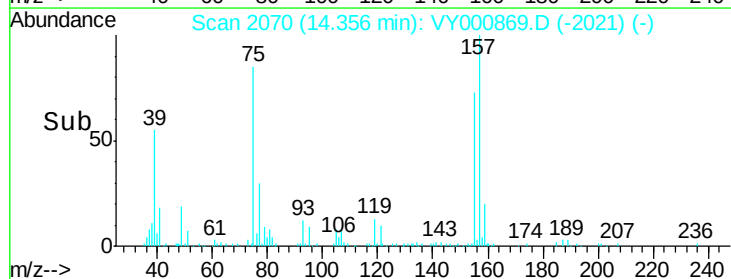
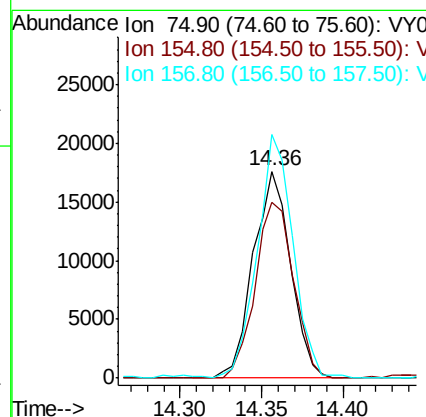
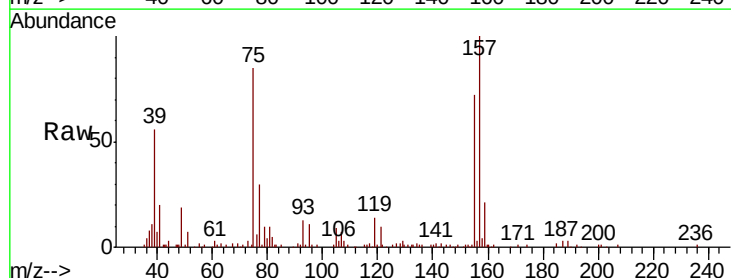
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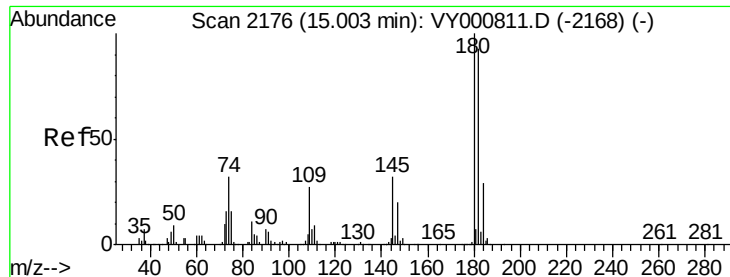
apatel
 12/5/2019 2:58:38 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.655 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	44.3	132.9
157	112.7	56.3	168.9





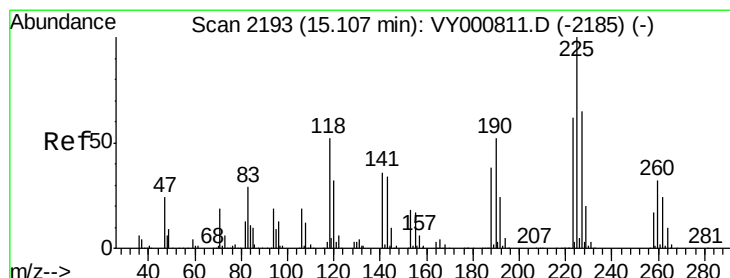
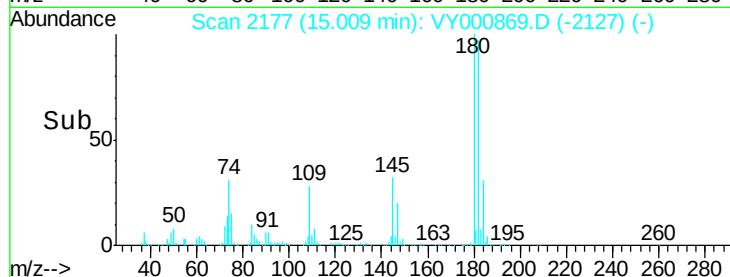
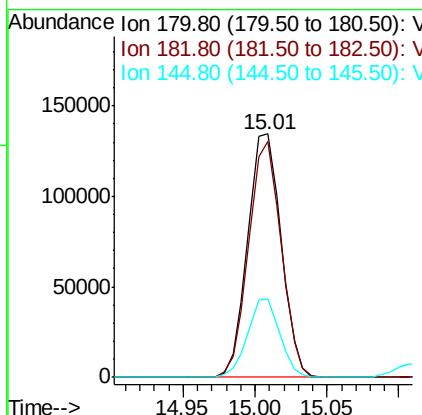
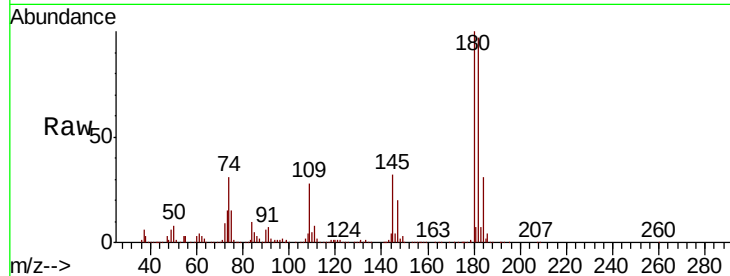
#93
 1,2,4-Trichlorobenzene
 Concen: 47.938 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	216358		
182	94.0	47.3	141.9	
145	31.2	16.0	47.9	

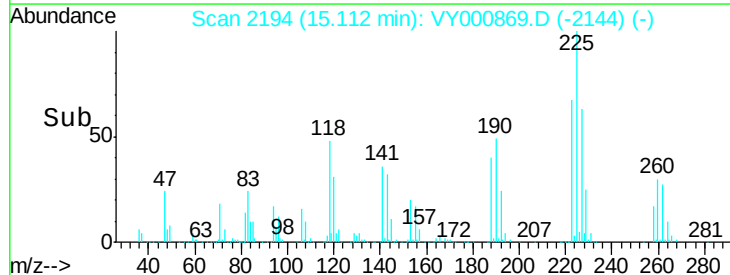
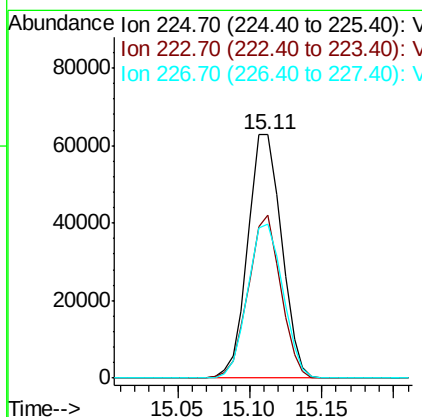
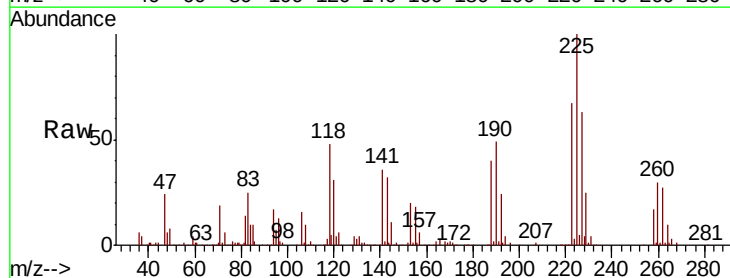
Manual Integrations
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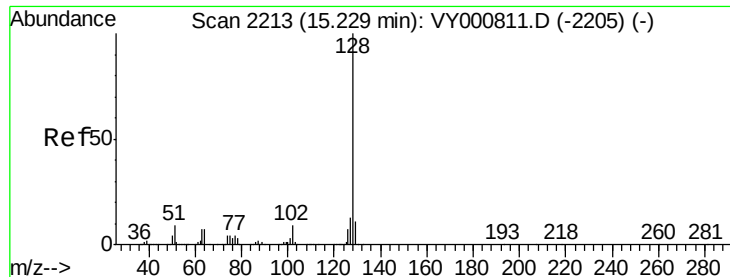
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#94
 Hexachlorobutadiene
 Concen: 45.658 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102168		
223	64.3	31.4	94.3	
227	65.6	31.8	95.3	





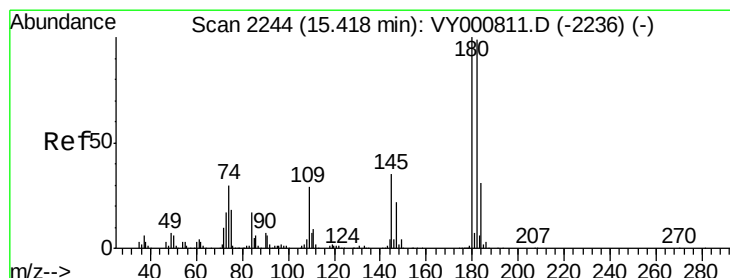
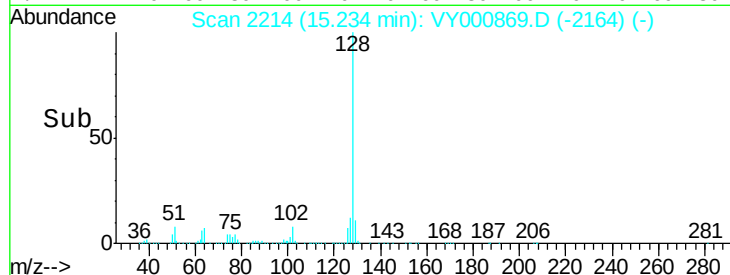
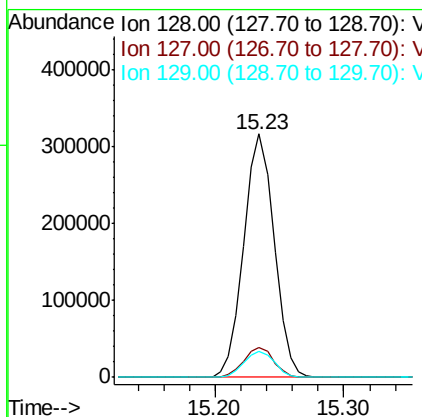
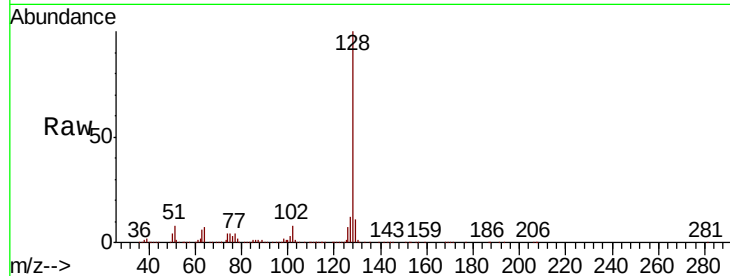
#95
Naphthalene
Concen: 49.010 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	11.0	8.8	13.2

Manual Integrations
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12/5/2019 2:58:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.943 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.0
145	33.3	16.9	50.6

