

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002044.D
 Acq On : 24 Mar 2020 12:50
 Operator : SY/MD
 Sample : VY0324SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Manual Integrations
 APPROVED

apatel
 3/25/2020 10:38:00 AM

Quant Time: Mar 24 15:38:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	154028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	254265	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	120536	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	91884	55.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.76%	
35) Dibromofluoromethane	7.74	113	87308	56.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.19	98	343614	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.49	95	125737	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	27828	19.573	ug/l	95
3) Chloromethane	2.12	50	38840	20.262	ug/l	94
4) Vinyl Chloride	2.26	62	38765	19.881	ug/l	98
5) Bromomethane	2.65	94	25935	19.164	ug/l	94
6) Chloroethane	2.80	64	25589	20.892	ug/l	94
7) Trichlorofluoromethane	3.14	101	56641	21.420	ug/l	99
8) Diethyl Ether	3.54	74	23875	22.908	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36696	21.576	ug/l	98
10) Methyl Iodide	4.11	142	41758	21.231	ug/l	99
11) Tert butyl alcohol	4.98	59	20460	106.615	ug/l	98
12) 1,1-Dichloroethene	3.89	96	37105	21.667	ug/l	99
13) Acrolein	3.76	56	18679	80.837	ug/l	98
14) Allyl chloride	4.50	41	68391	22.527	ug/l	99
15) Acrylonitrile	5.19	53	66856	120.046	ug/l	98
16) Acetone	3.96	43	55043	114.928	ug/l	98
17) Carbon Disulfide	4.21	76	111179	19.312	ug/l	100
18) Methyl Acetate	4.49	43	29907	24.303	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	109374	23.568	ug/l	99
20) Methylene Chloride	4.74	84	47986	23.378	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	42077	21.647	ug/l	93
22) Diisopropyl ether	6.14	45	142696	22.930	ug/l	97
23) Vinyl Acetate	6.08	43	470501	115.327	ug/l	99
24) 1,1-Dichloroethane	6.04	63	75619	22.439	ug/l	98
25) 2-Butanone	7.01	43	86600	118.903	ug/l	98
26) 2,2-Dichloropropane	7.00	77	61513	22.239	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	47900	22.655	ug/l	100
28) Bromochloromethane	7.35	49	34318	22.592	ug/l	100
29) Tetrahydrofuran	7.37	42	56721	117.276	ug/l	100
30) Chloroform	7.53	83	72476	22.890	ug/l	100
31) Cyclohexane	7.80	56	74771	20.693	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	60652	22.728	ug/l	98
36) 1,1-Dichloropropene	7.94	75	59029	21.807	ug/l	98
37) Ethyl Acetate	7.10	43	37981	24.142	ug/l	98
38) Carbon Tetrachloride	7.92	117	50800	21.969	ug/l	98

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apatel
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 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74967	20.881	ug/l	99
40) Benzene	8.18	78	175155	21.831	ug/l	100
41) Methacrylonitrile	7.34	41	19181m	27.091	ug/l	
42) 1,2-Dichloroethane	8.25	62	47779	23.110	ug/l	99
43) Isopropyl Acetate	8.28	43	70779	23.763	ug/l	98
44) Trichloroethene	8.95	130	42318	21.657	ug/l	98
45) 1,2-Dichloropropane	9.23	63	45602	22.610	ug/l	98
46) Dibromomethane	9.32	93	23912	23.007	ug/l	99
47) Bromodichloromethane	9.50	83	56034	23.176	ug/l	97
48) Methyl methacrylate	9.30	41	30514	23.087	ug/l	94
49) 1,4-Dioxane	9.31	88	6589	462.656	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	182832	119.172	ug/l	100
52) Toluene	10.25	92	107239	22.003	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	61679	23.416	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	71221	22.713	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	34757	22.850	ug/l	97
56) Ethyl methacrylate	10.52	69	51926	23.290	ug/l	96
57) 1,3-Dichloropropane	10.80	76	62088	22.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	131816	157.193	ug/l	99
59) 2-Hexanone	10.84	43	131207	119.821	ug/l	99
60) Dibromochloromethane	10.99	129	37653	23.492	ug/l	99
61) 1,2-Dibromoethane	11.10	107	33448	23.214	ug/l	98
64) Tetrachloroethene	10.72	164	35480	22.251	ug/l	98
65) Chlorobenzene	11.52	112	112032	22.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	37823	22.766	ug/l	98
67) Ethyl Benzene	11.60	91	207090	21.917	ug/l	100
68) m/p-Xylenes	11.71	106	155106	44.401	ug/l	100
69) o-Xylene	12.03	106	72235	21.939	ug/l	100
70) Styrene	12.05	104	128371	22.764	ug/l	99
71) Bromoform	12.21	173	21160	23.485	ug/l #	98
73) Isopropylbenzene	12.33	105	196666	21.373	ug/l	99
74) N-amyl acetate	12.14	43	63581	22.483	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	44431	22.392	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	33352m	23.319	ug/l	
77) Bromobenzene	12.61	156	42477	21.789	ug/l	99
78) n-propylbenzene	12.67	91	244885	21.572	ug/l	100
79) 2-Chlorotoluene	12.76	91	135405	21.590	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	163923	21.640	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16090	22.724	ug/l	97
82) 4-Chlorotoluene	12.86	91	143310	21.946	ug/l	100
83) tert-Butylbenzene	13.08	119	137440	21.845	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	167255	22.249	ug/l	100
85) sec-Butylbenzene	13.25	105	205604	22.171	ug/l	99
86) p-Isopropyltoluene	13.37	119	176676	22.085	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	86141	22.549	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	84028	21.682	ug/l	98
89) n-Butylbenzene	13.70	91	182253	21.959	ug/l	99
90) Hexachloroethane	13.96	117	32380	21.455	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	78076	22.496	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7172	23.163	ug/l	96

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MSVOA_Y
ClientSampleId :
VY0324SBSD01

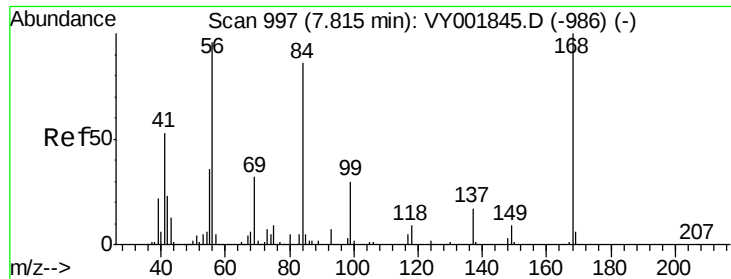
Manual Integrations
APPROVED

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3/25/2020 10:38:00 AM

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	50163	22.287	ug/l	97
94) Hexachlorobutadiene	15.11	225	24895	22.687	ug/l	99
95) Naphthalene	15.24	128	119182	22.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	45179	22.786	ug/l	100

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



#1

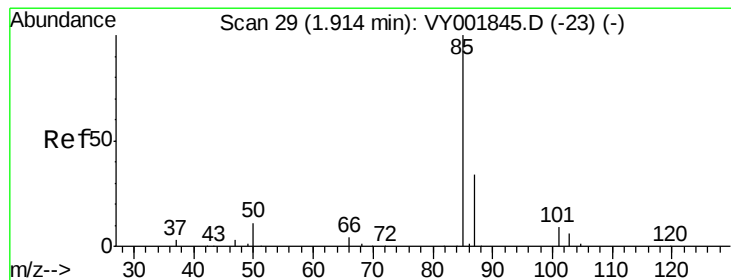
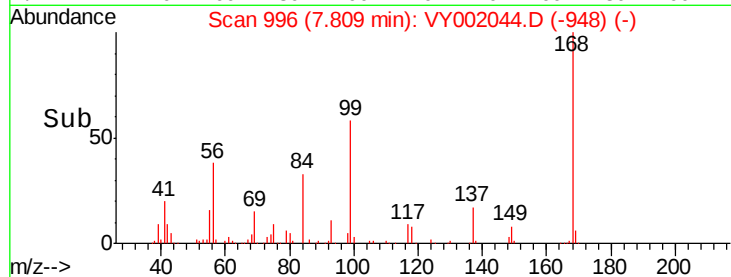
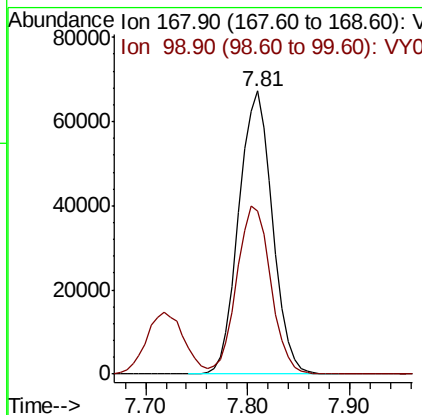
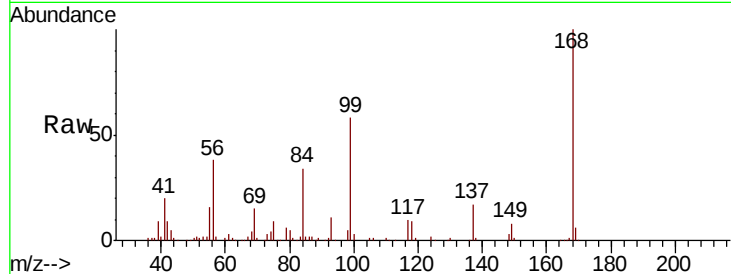
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.7	70.1

Manual Integrations
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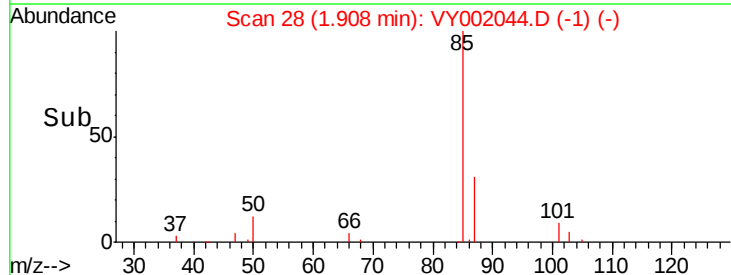
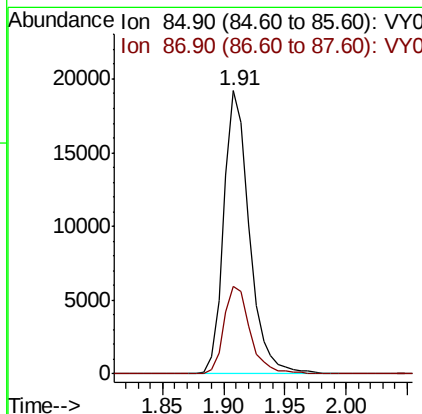
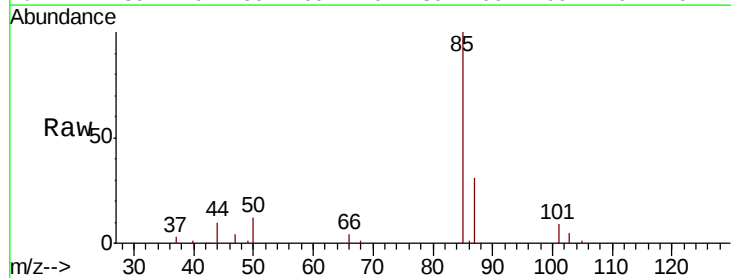
apatel
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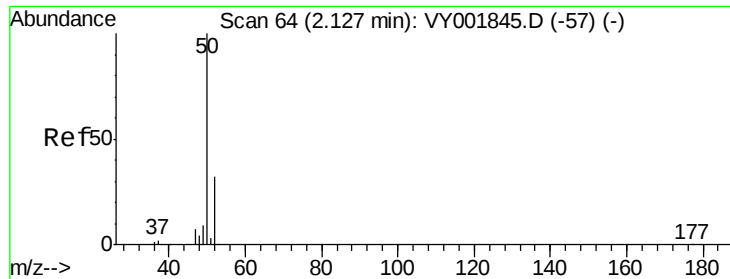


#2

Dichlorodifluoromethane
 Concen: 19.573 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	16.8	50.4





#3

Chloromethane

Concen: 20.262 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 50 Resp: 38840

Ion Ratio Lower Upper

50 100

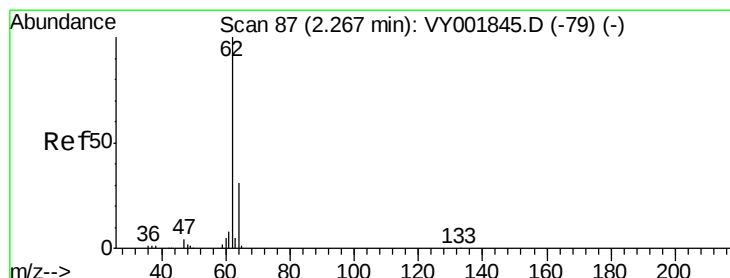
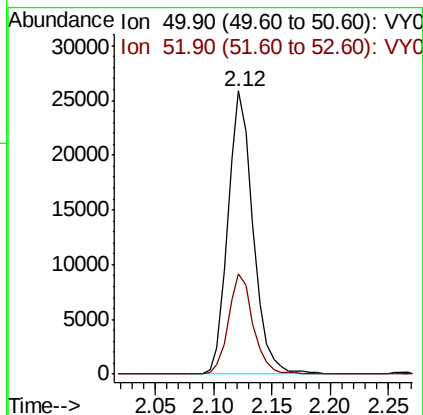
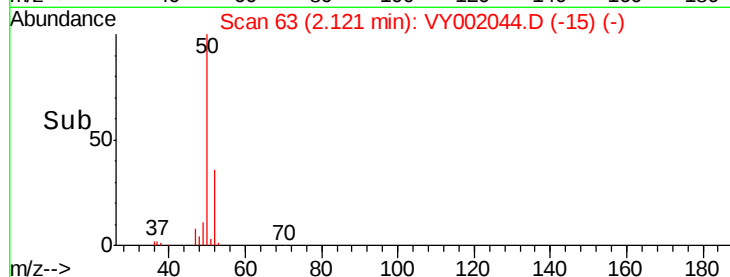
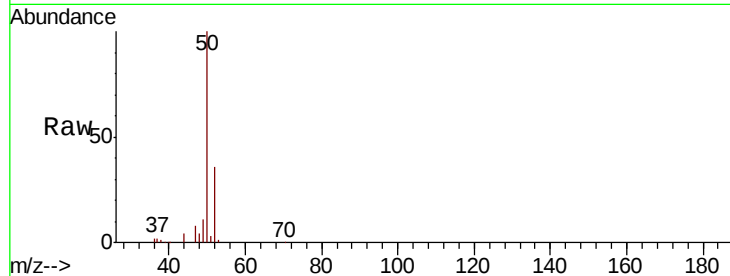
52 35.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.881 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002044.D

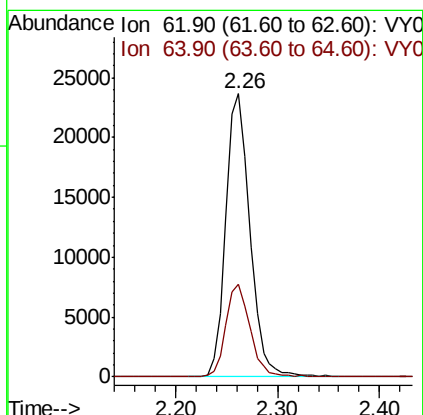
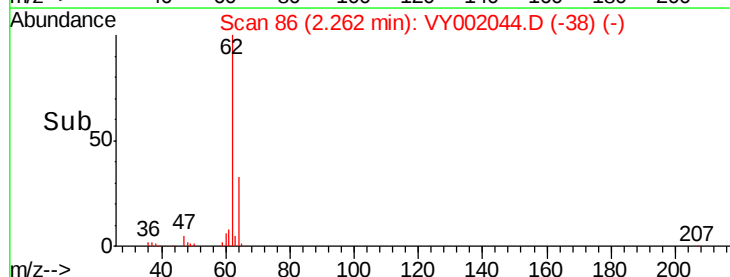
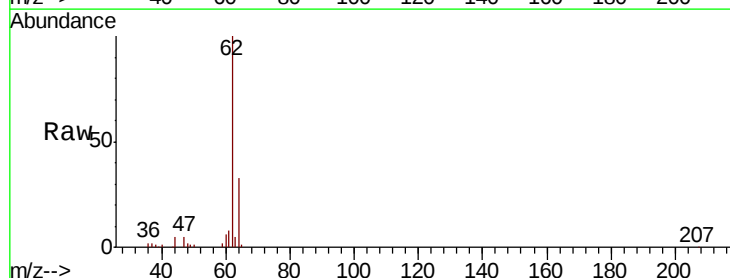
Acq: 24 Mar 2020 12:50

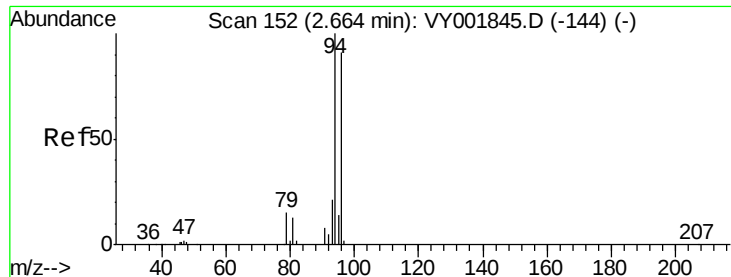
Tgt Ion: 62 Resp: 38765

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 19.164 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 94 Resp: 25935

Ion Ratio Lower Upper

94 100

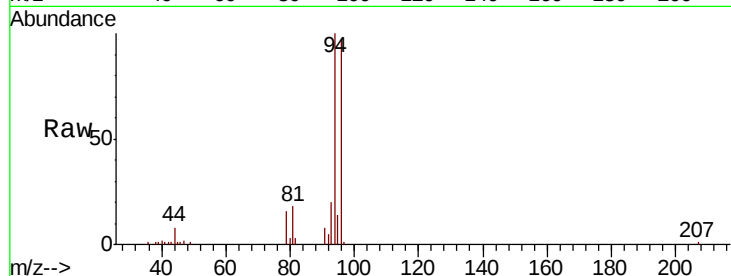
96 97.4 73.2 109.8

Manual Integrations

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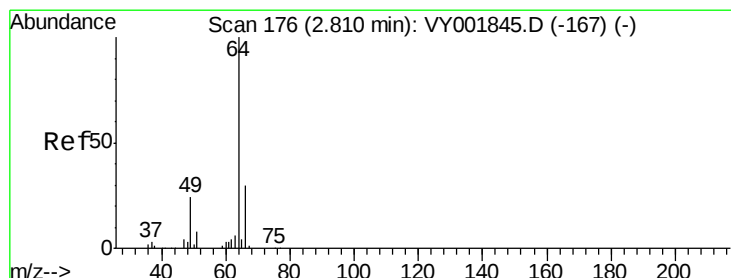
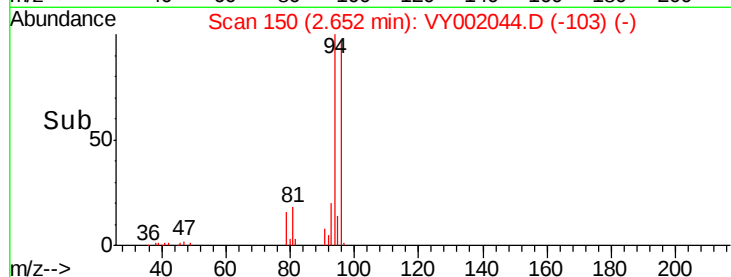
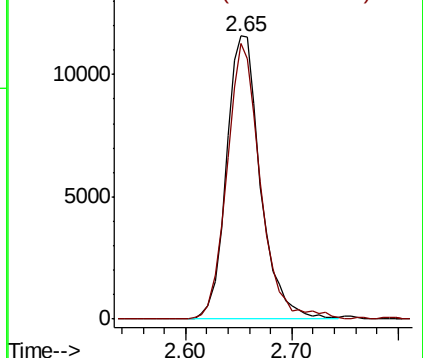
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.892 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002044.D

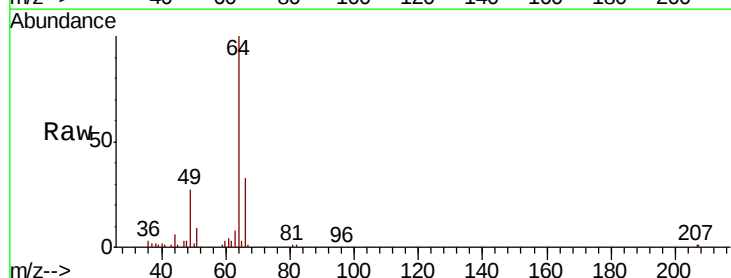
Acq: 24 Mar 2020 12:50

Tgt Ion: 64 Resp: 25589

Ion Ratio Lower Upper

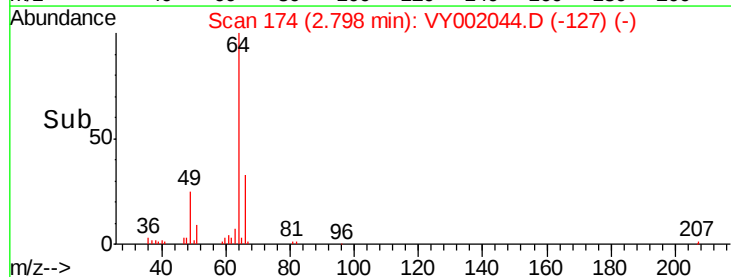
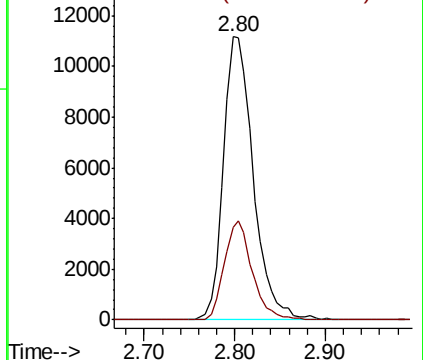
64 100

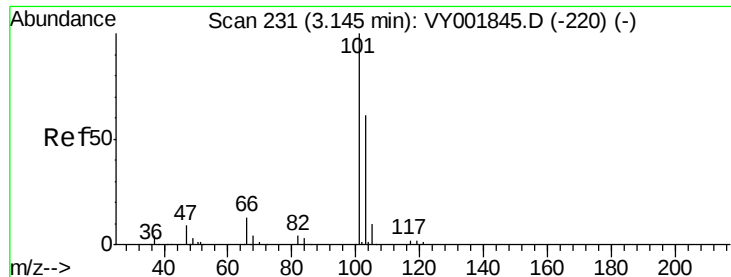
66 32.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

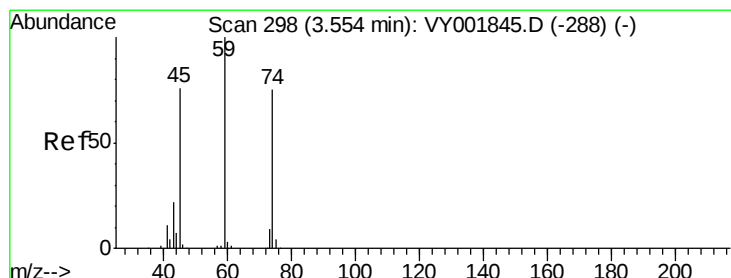
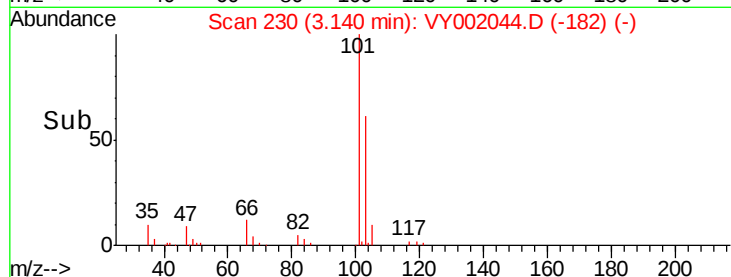
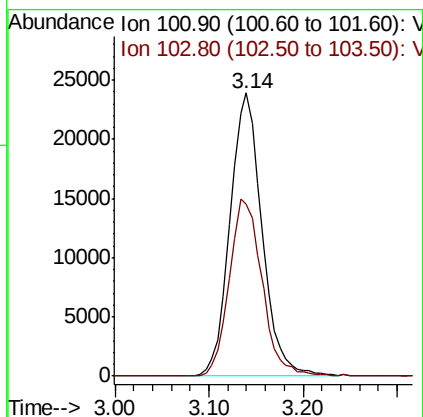
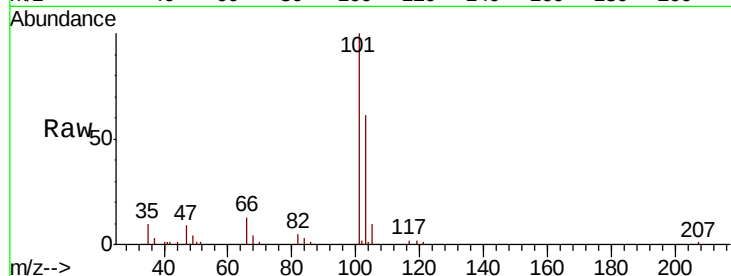
Trichlorofluoromethane
Concen: 21.420 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.6	49.1	73.7

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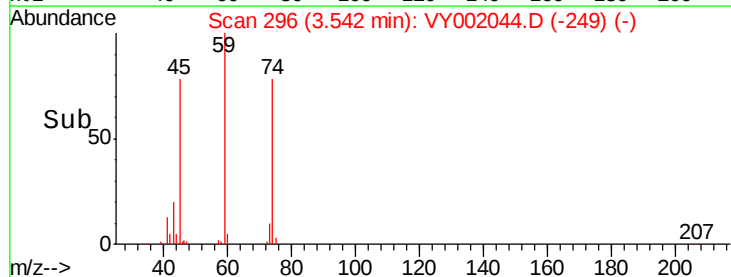
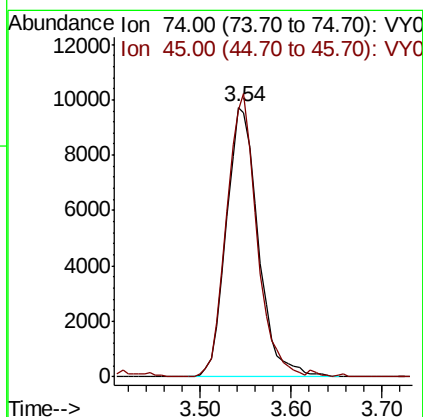
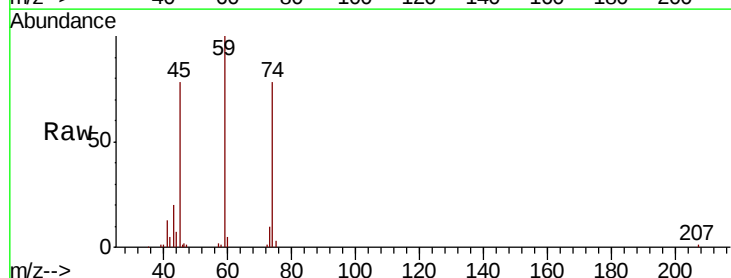
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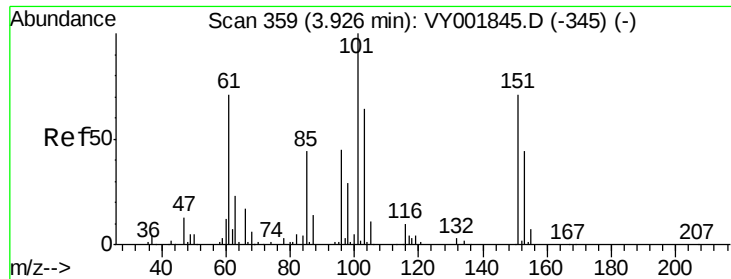


#8

Diethyl Ether
Concen: 22.908 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.576 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

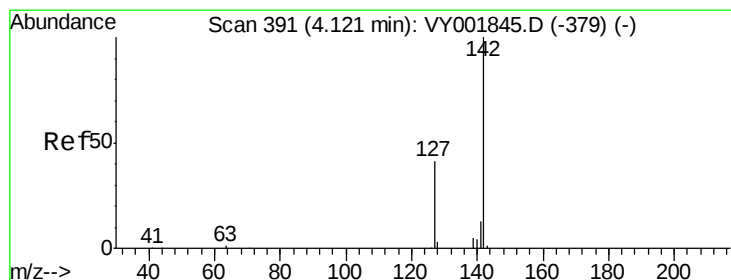
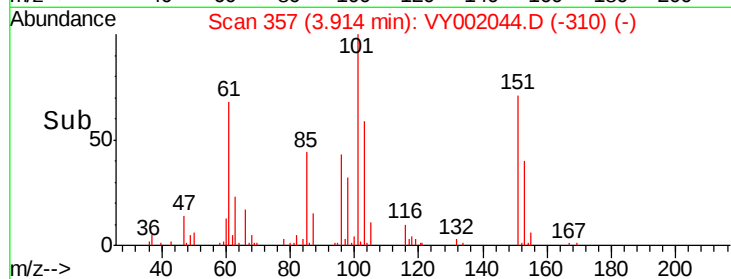
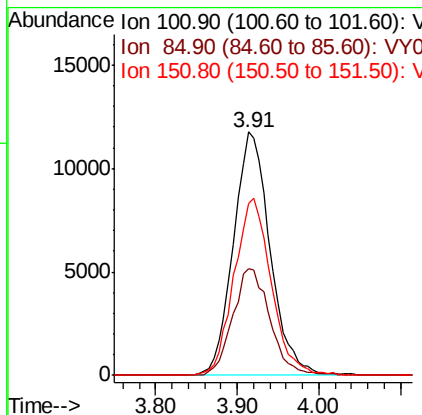
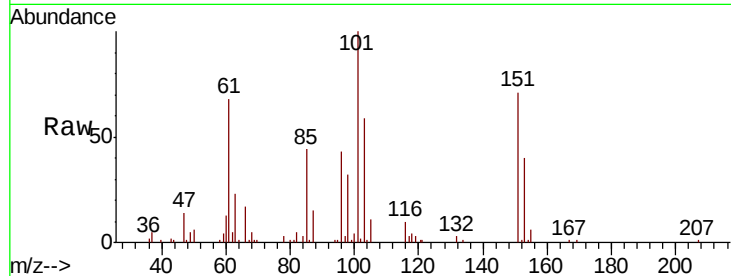
ClientSampleId :

VY0324SBS01

Tot Ion:	101	Resp:	36696
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.3	52.9
151	73.5	57.0	85.4

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#10

Methyl Iodide

Concen: 21.231 ug/l

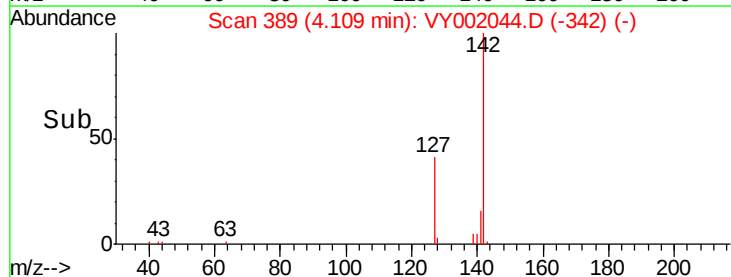
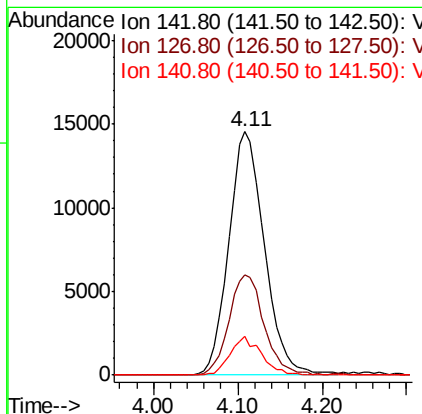
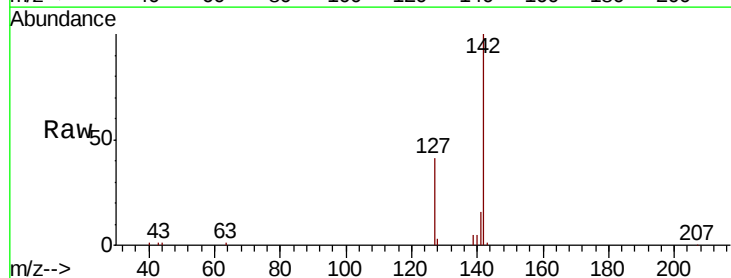
RT: 4.11 min Scan# 389

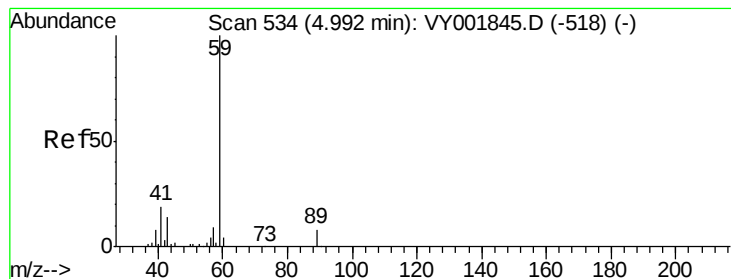
Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion:	142	Resp:	41758
Ion Ratio	Lower	Upper	
142	100		
127	40.3	32.7	49.1
141	14.0	11.0	16.6





#11

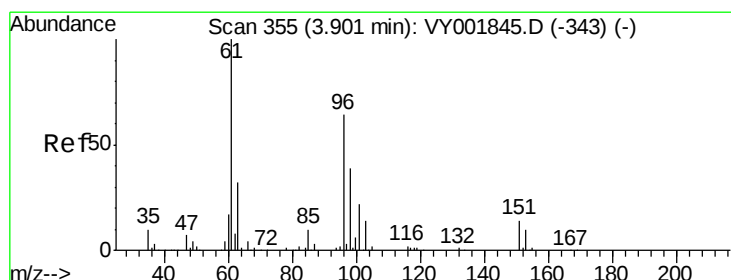
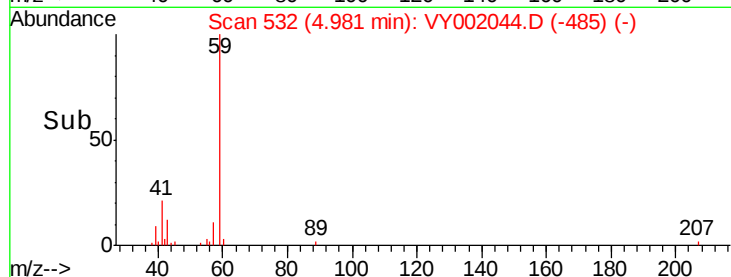
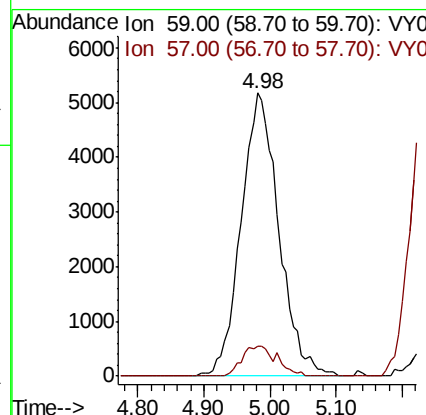
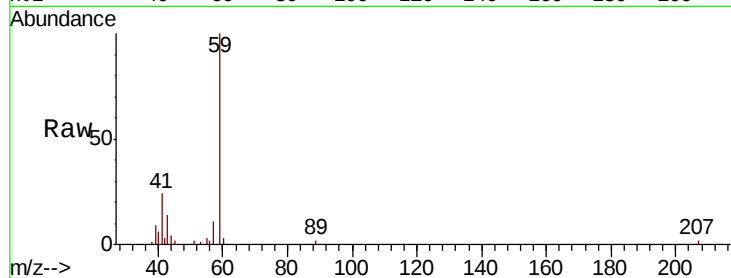
Tert butyl alcohol
 Concen: 106.615 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	20460		
57	57	9.9		7.4	11.2

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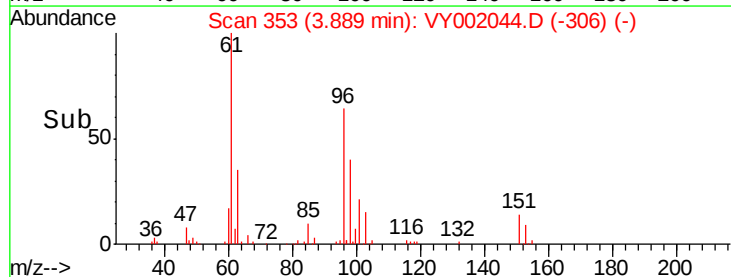
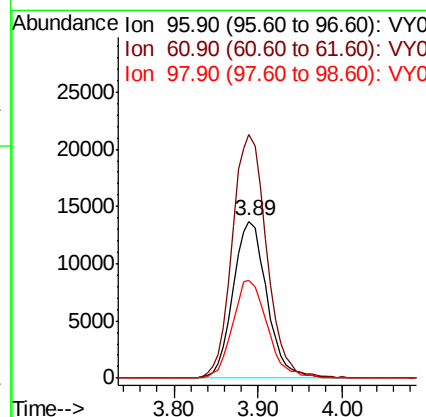
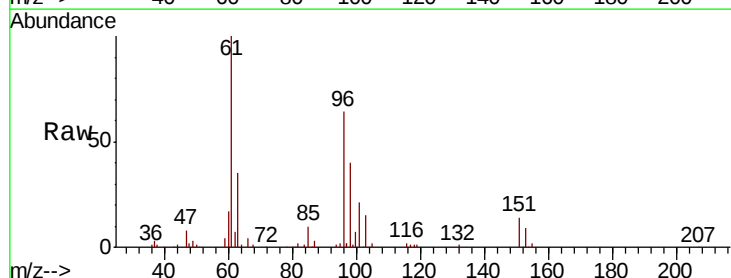
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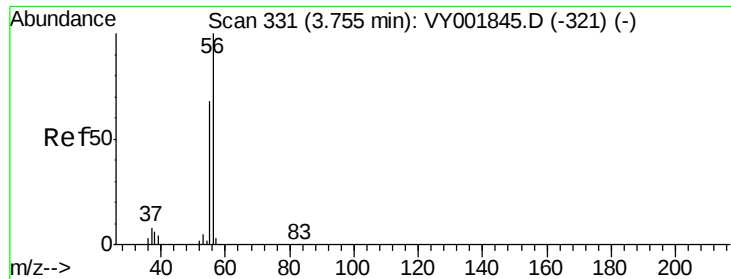


#12

1,1-Dichloroethene
 Concen: 21.667 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	37105		
61	61	155.1		124.8	187.2
98	98	62.6		49.2	73.8





#13

Acrolein

Concen: 80.837 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 56 Resp: 18679

Ion Ratio Lower Upper

56 100

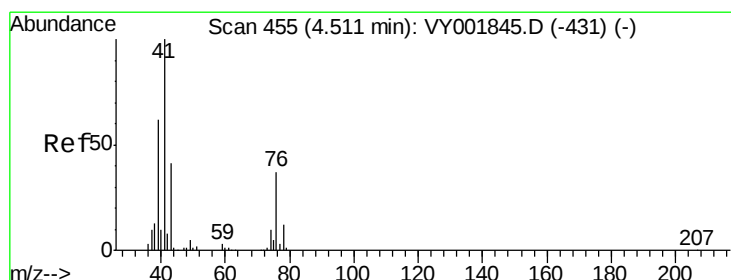
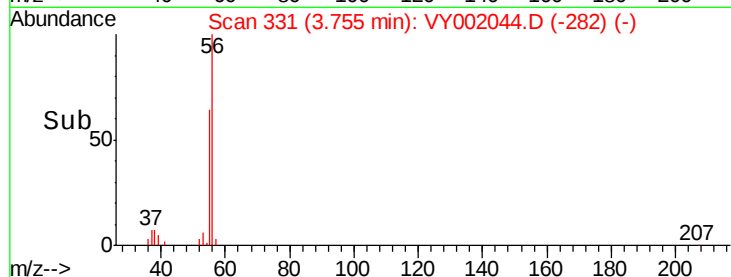
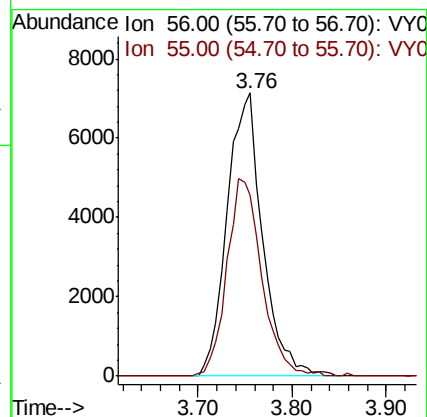
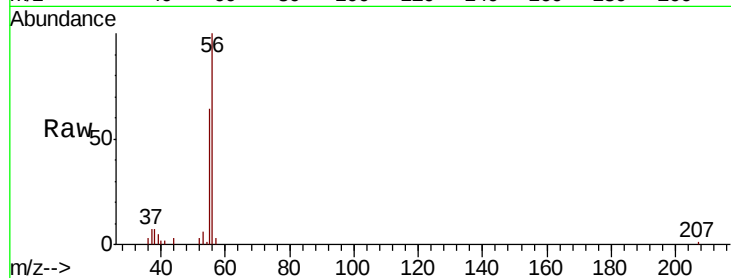
55 68.7 54.0 81.0

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#14

Allyl chloride

Concen: 22.527 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

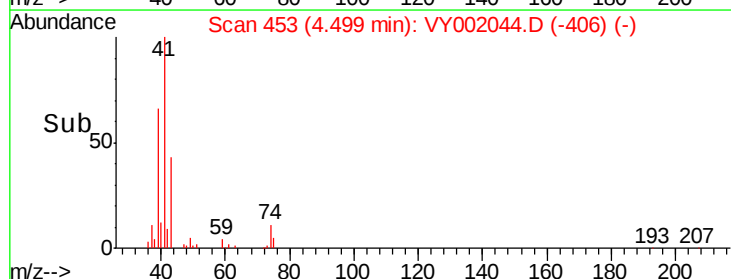
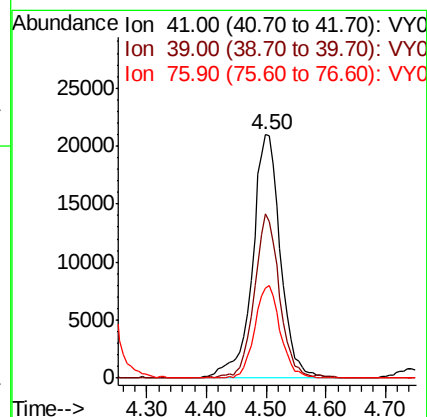
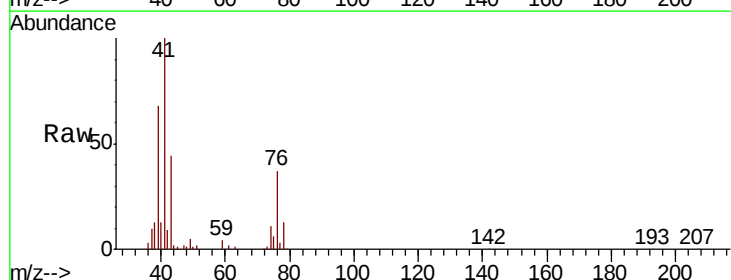
Tgt Ion: 41 Resp: 68391

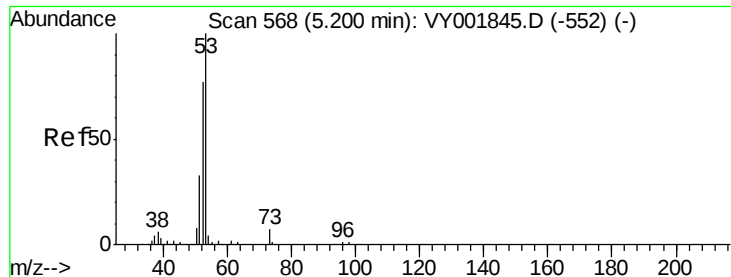
Ion Ratio Lower Upper

41 100

39 61.2 49.0 73.6

76 34.9 28.9 43.3





#15

Acrylonitrile

Concen: 120.046 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

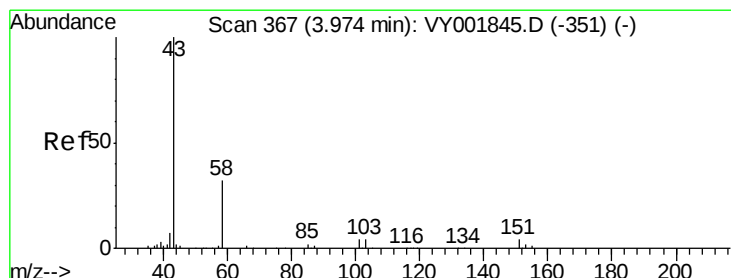
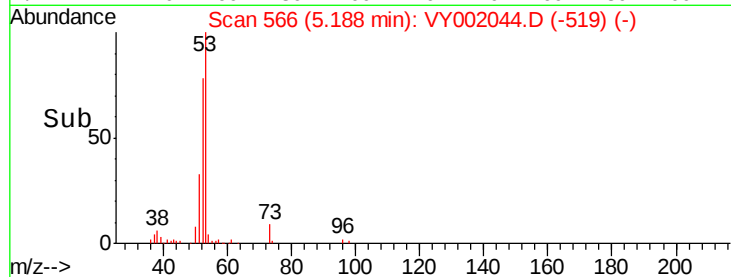
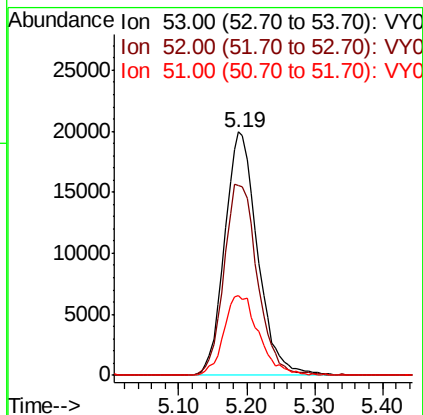
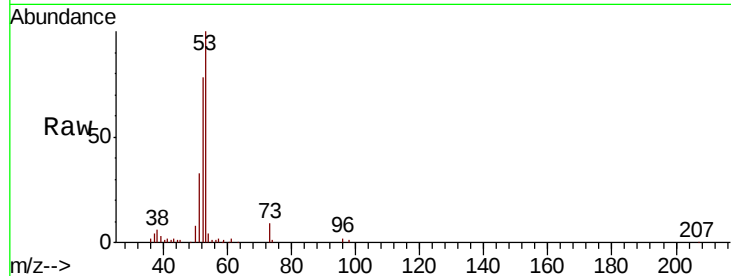
ClientSampleId :

VY0324SBS01

Tot Ion:	53	Resp:	66856
Ion Ratio	Lower	Upper	
53	100		
52	79.4	65.1	97.7
51	34.9	27.5	41.3

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#16

Acetone

Concen: 114.928 ug/l

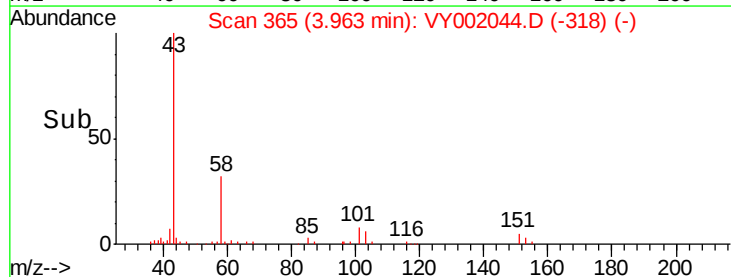
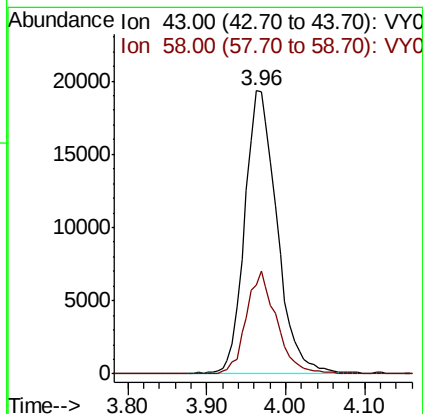
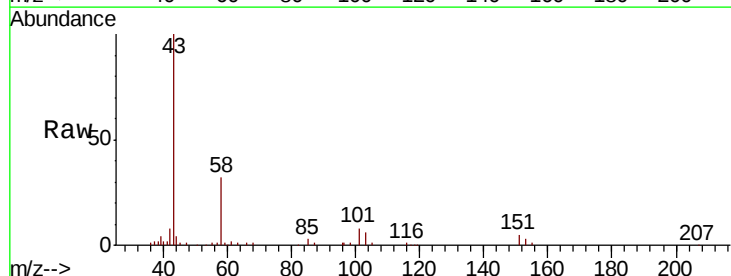
RT: 3.96 min Scan# 365

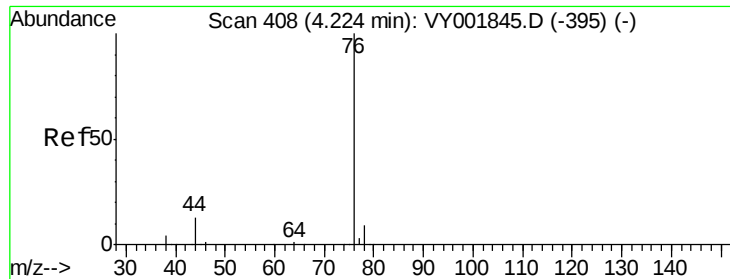
Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion:	43	Resp:	55043
Ion Ratio	Lower	Upper	
43	100		
58	31.5	25.9	38.9





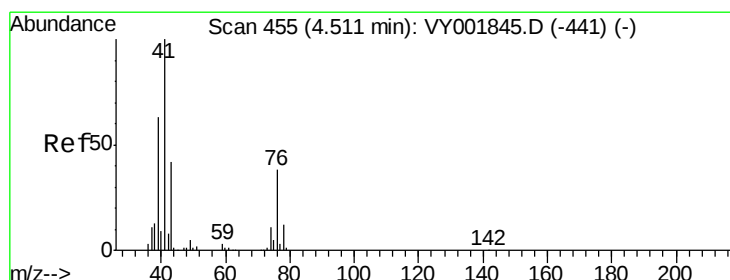
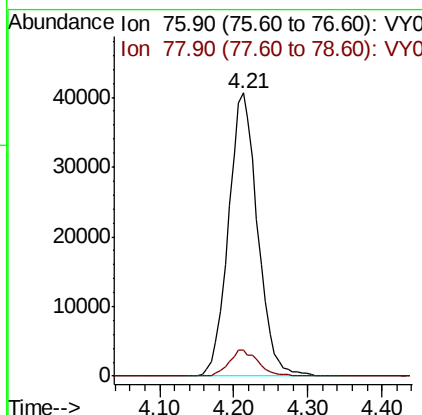
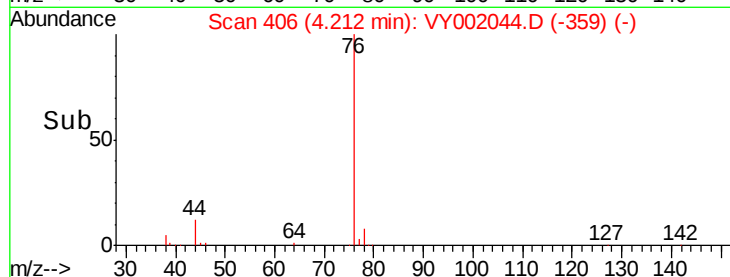
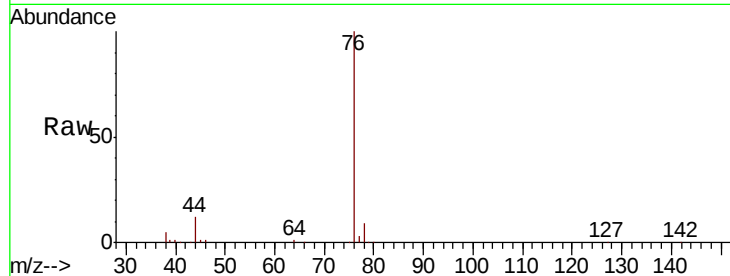
#17
Carbon Disulfide
Concen: 19.312 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion: 76 Resp: 111179
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

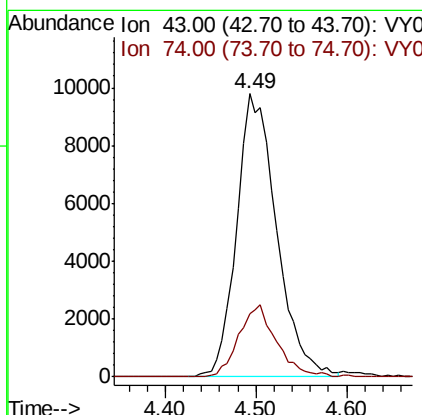
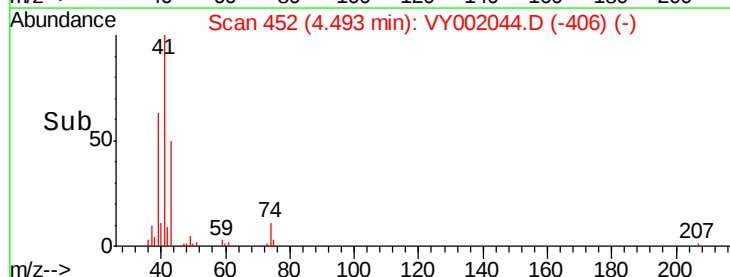
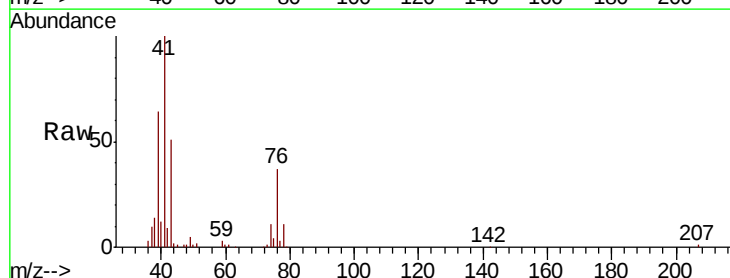
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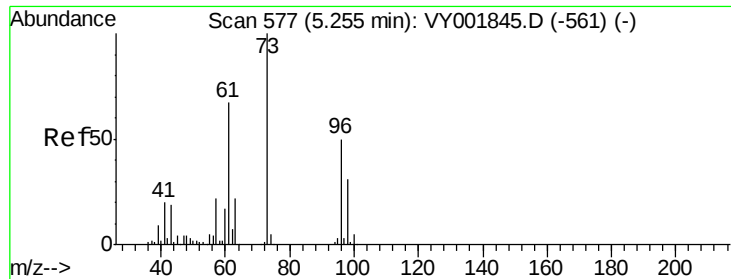
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#18
Methyl Acetate
Concen: 24.303 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.02 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 43 Resp: 29907
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6





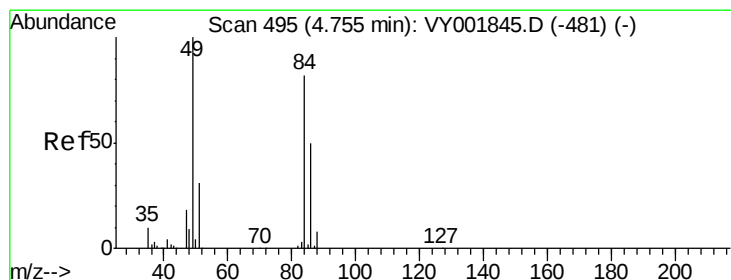
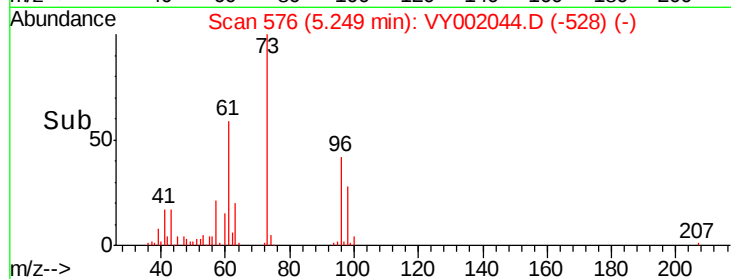
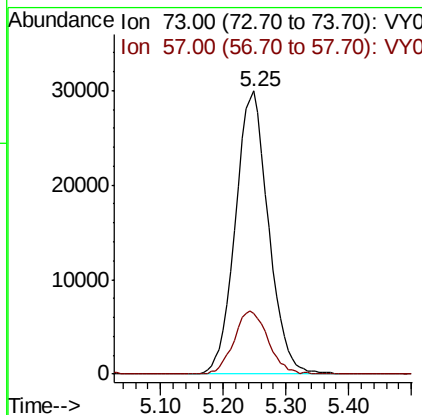
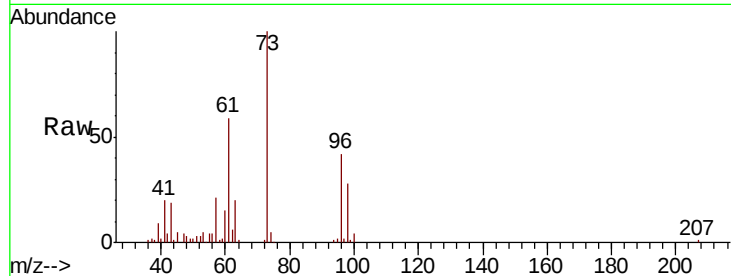
#19
Methvl tert-butvl Ether
Concen: 23.568 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion: 73 Resp: 109374
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2

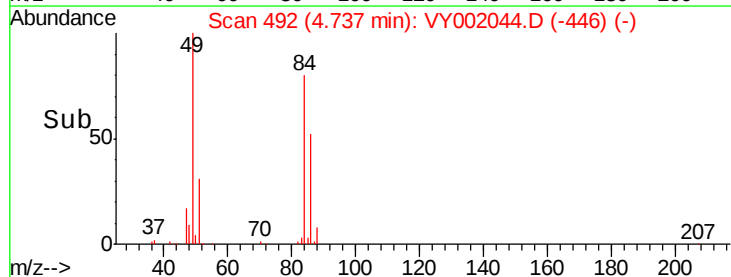
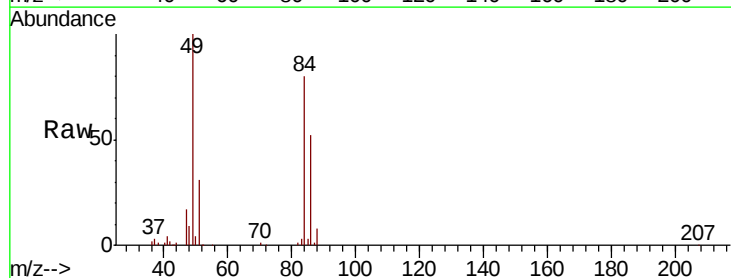
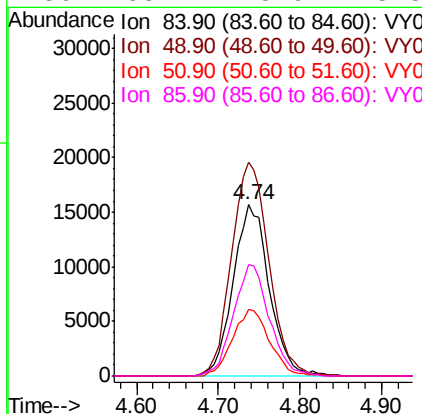
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#20
Methylene Chloride
Concen: 23.378 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 84 Resp: 47986
Ion Ratio Lower Upper
84 100
49 124.9 98.2 147.2
51 38.8 30.2 45.2
86 65.2 48.9 73.3





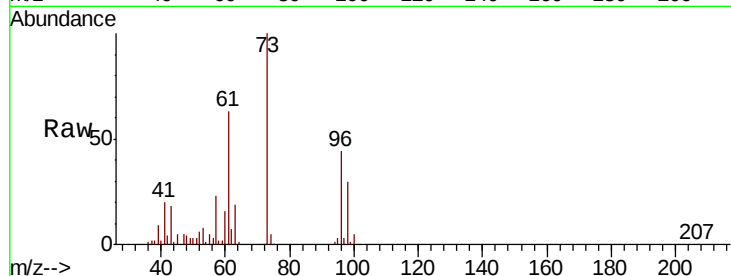
#21
trans-1,2-Dichloroethene
Concen: 21.647 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	107.7	161.5
98	67.8	49.3	73.9

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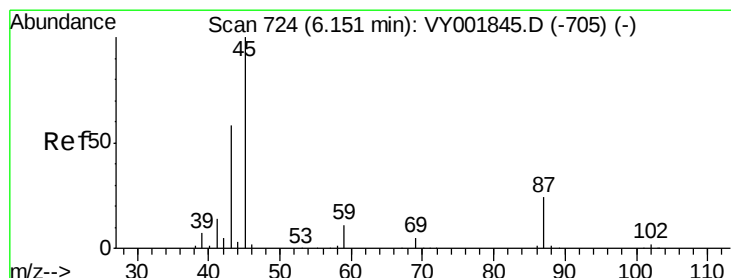
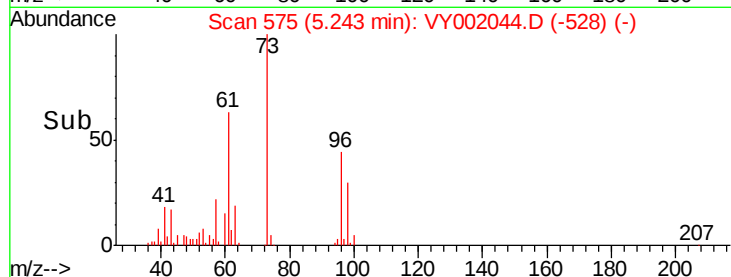
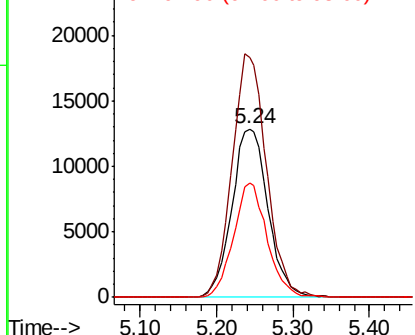


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22
Diisopropyl ether
Concen: 22.930 ug/l
RT: 6.14 min Scan# 722
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.8	47.2	70.8
87	26.5	19.8	29.8
59	11.2	8.8	13.2

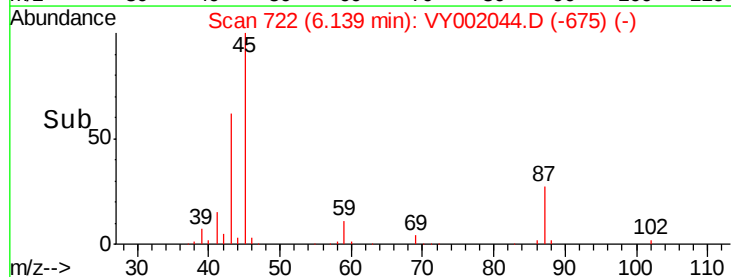
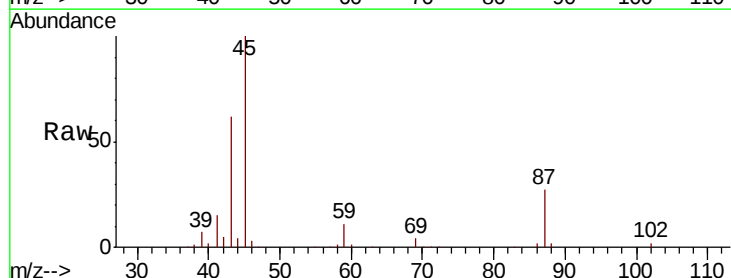
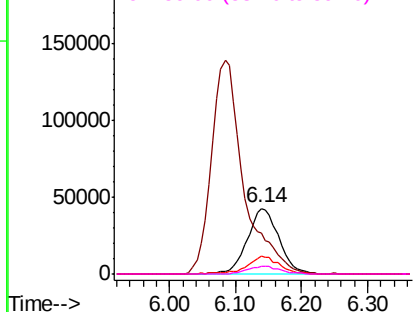
Abundance

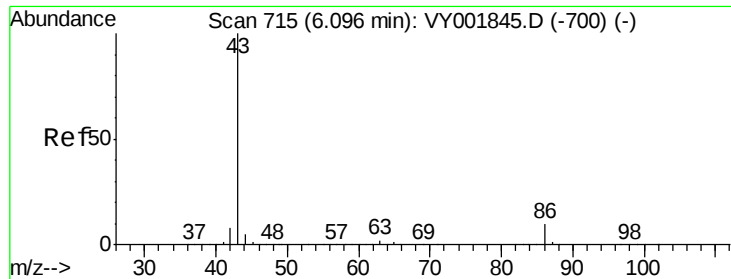
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





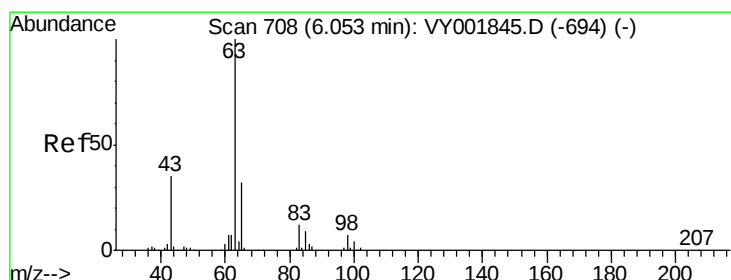
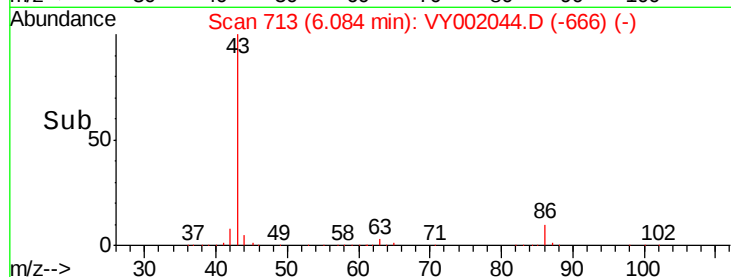
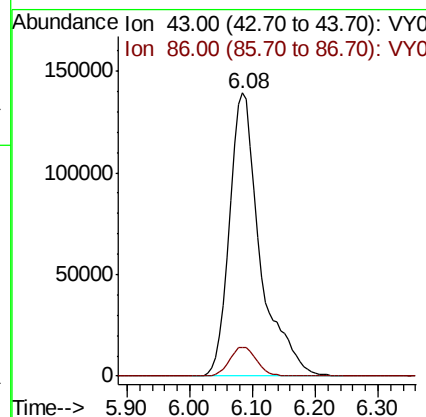
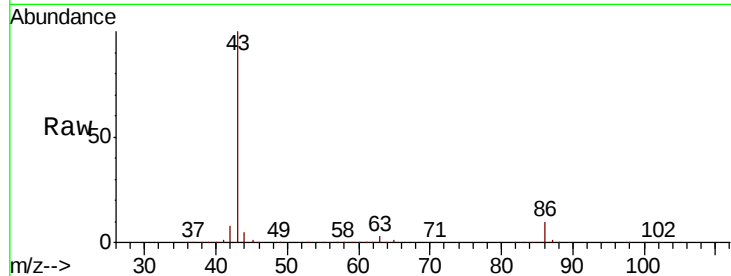
#23
 Vinyl Acetate
 Concen: 115.327 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	43	Resp	470501
Ion Ratio	100	Lower	Upper
43	100		
86	10.3	7.8	11.8

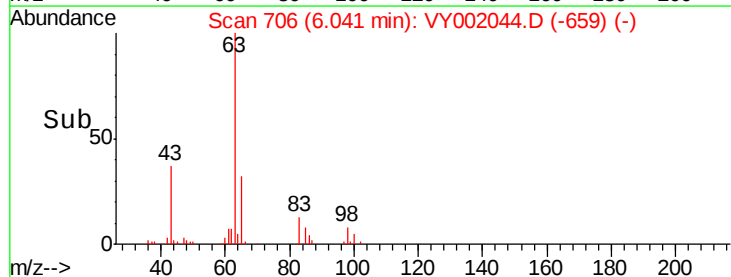
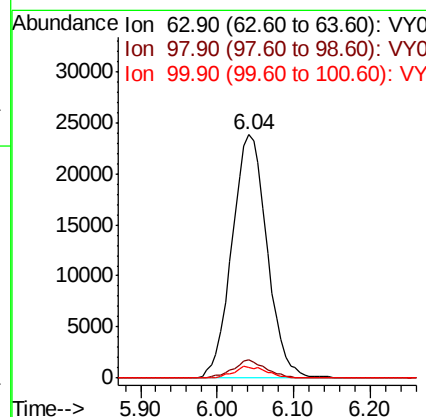
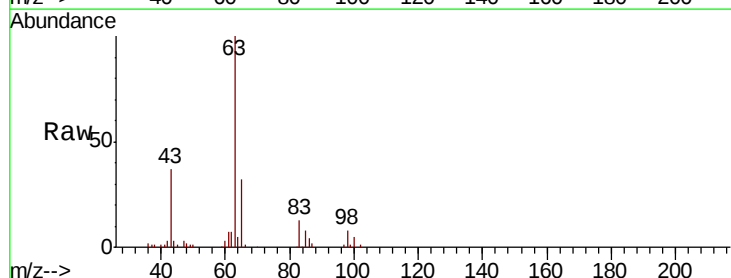
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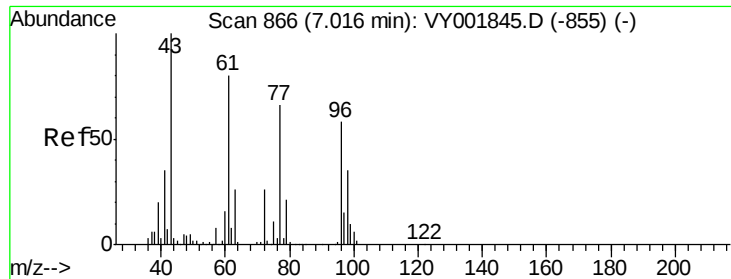
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#24
 1,1-Dichloroethane
 Concen: 22.439 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion	63	Resp	75619
Ion Ratio	100	Lower	Upper
63	100		
98	7.7	3.4	10.2
100	4.6	2.0	6.0





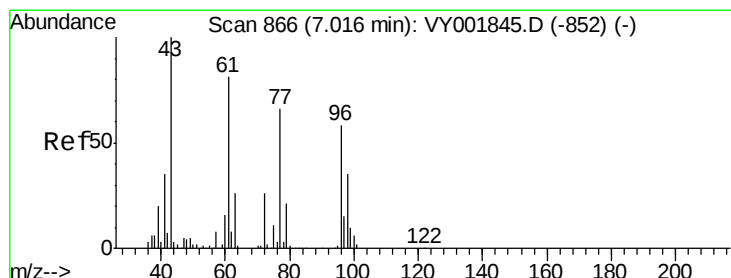
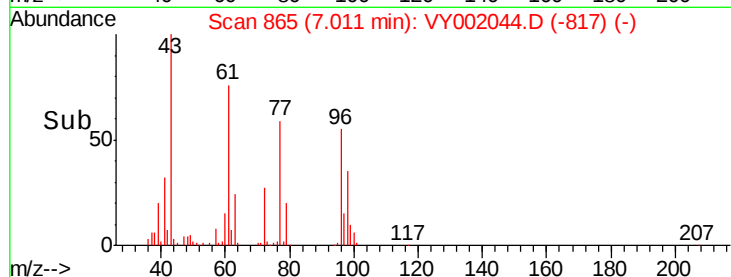
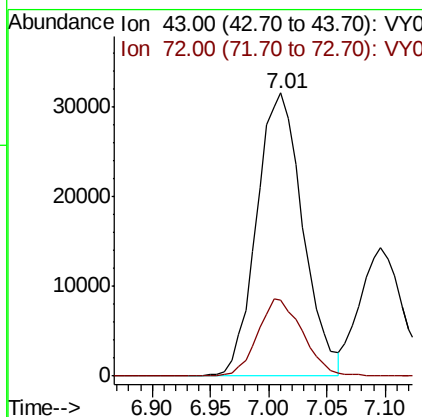
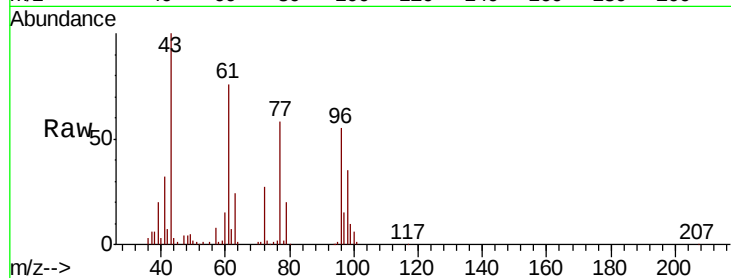
#25
2-Butanone
Concen: 118.903 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion: 43 Resp: 86600
Ion Ratio Lower Upper
43 100
72 27.1 20.9 31.3

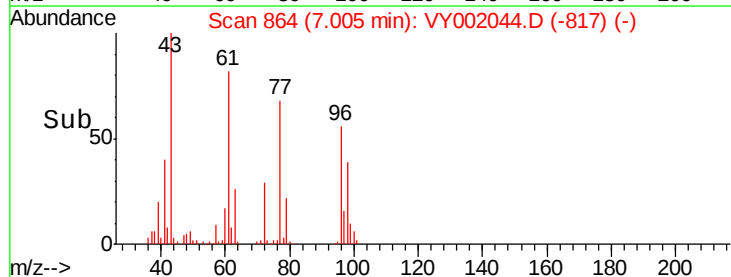
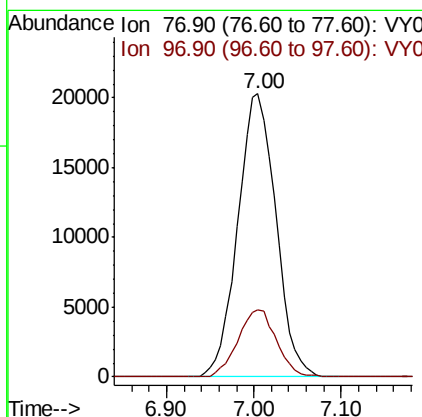
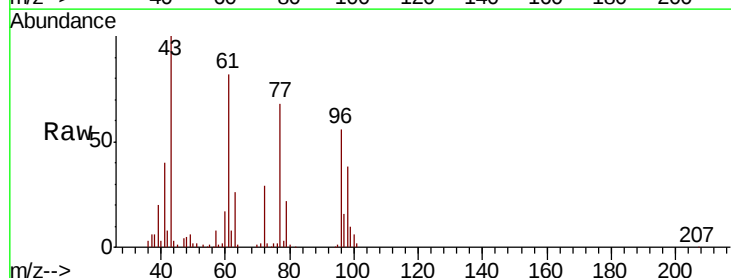
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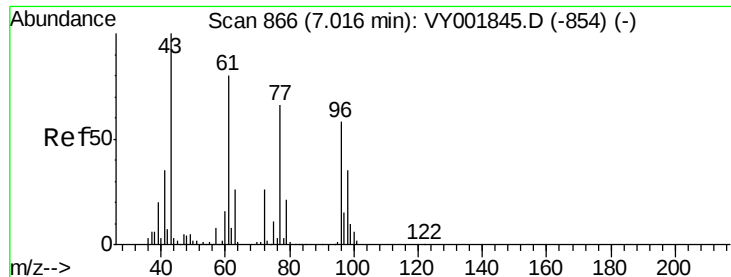
apatel
3/25/2020 10:38:00 AM



#26
2,2-Dichloropropane
Concen: 22.239 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 77 Resp: 61513
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.7





#27

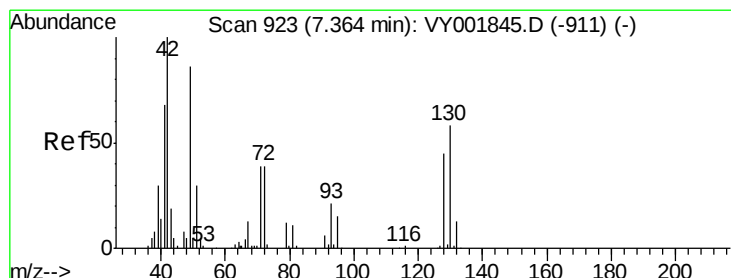
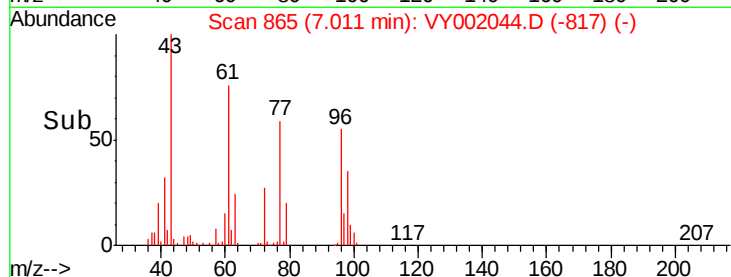
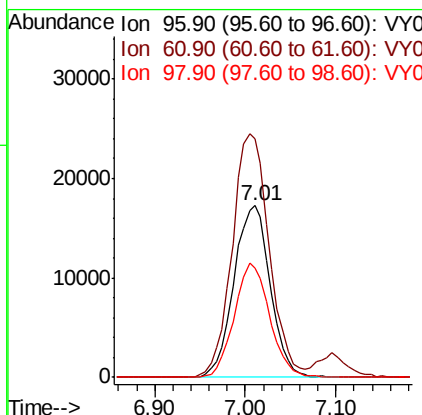
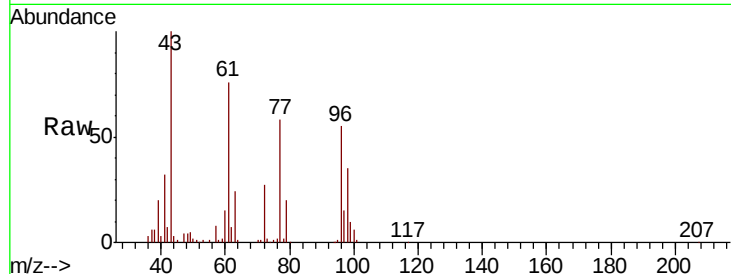
cis-1,2-Dichloroethene
Concen: 22.655 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	288.2
98	64.7	0.0	129.0

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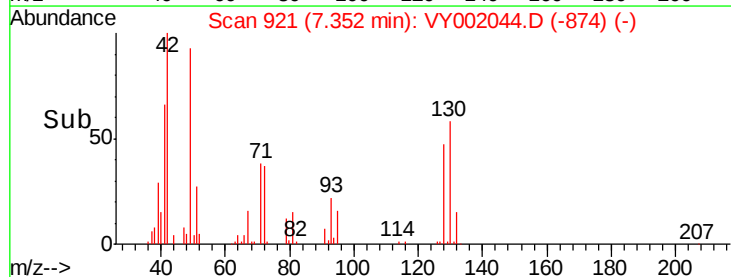
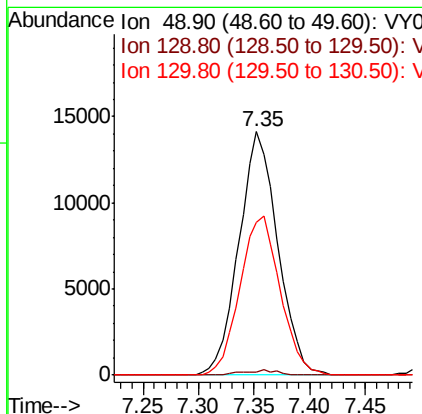
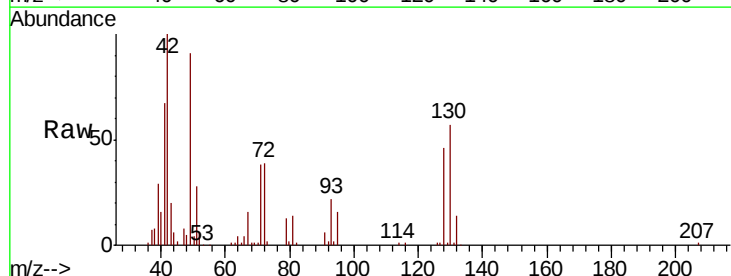
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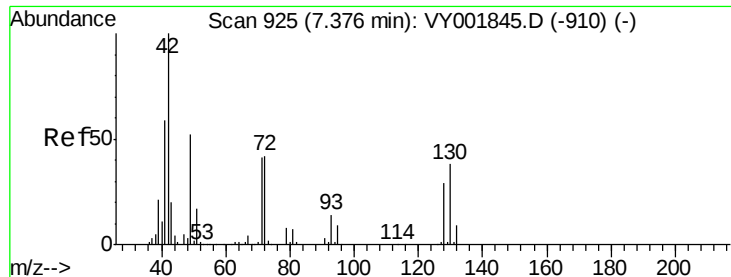


#28

Bromochloromethane
Concen: 22.592 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	67.6	54.4	81.6





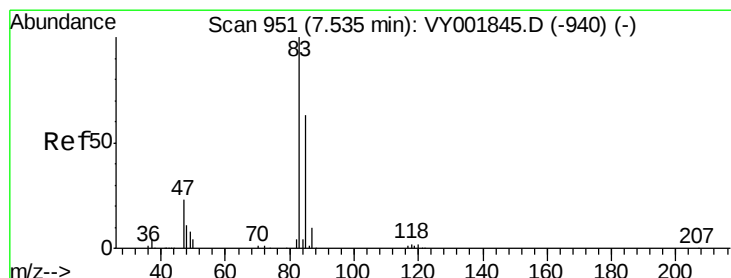
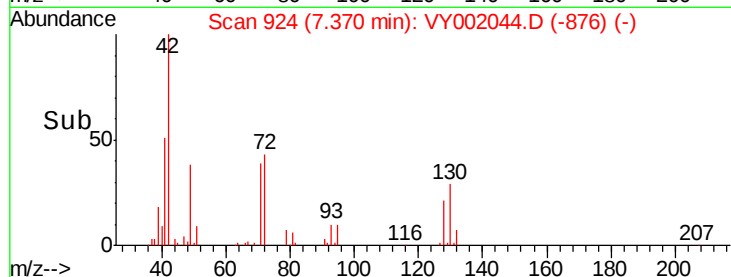
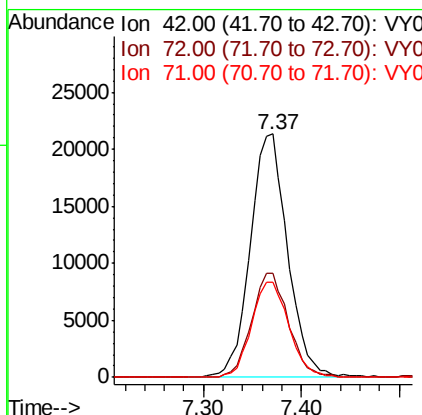
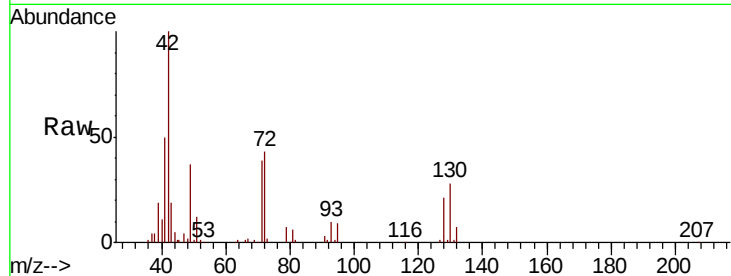
#29
Tetrahydrofuran
Concen: 117.276 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.5	50.3
71	39.4	31.3	46.9

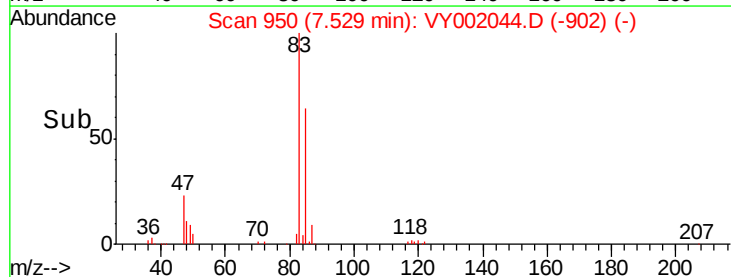
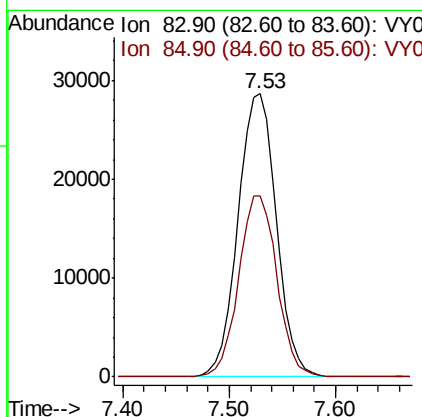
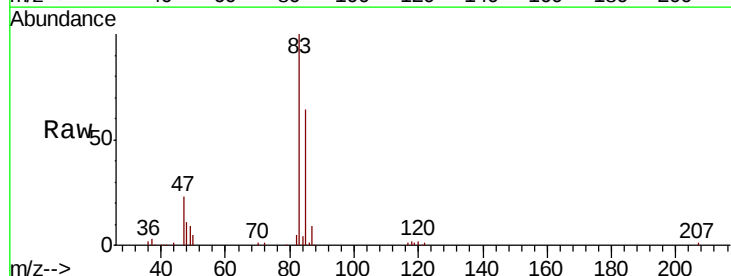
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#30
Chloroform
Concen: 22.890 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.7	76.1





#31

Cyclohexane

Concen: 20.693 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

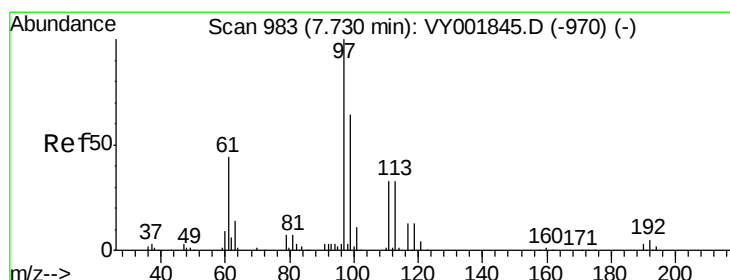
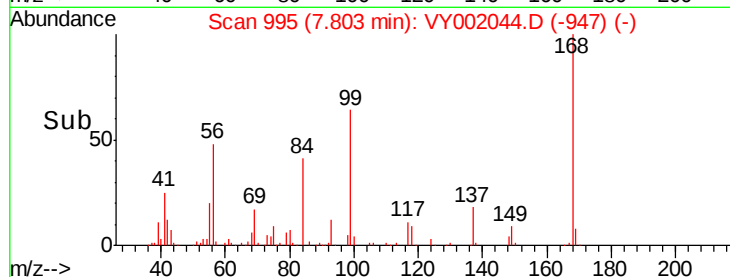
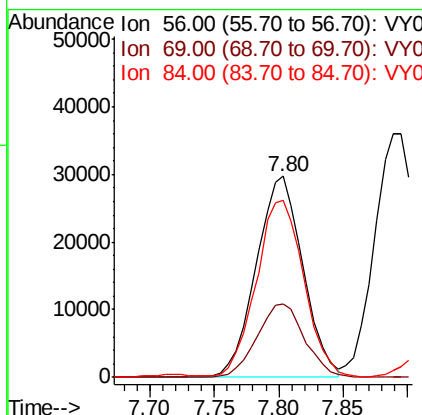
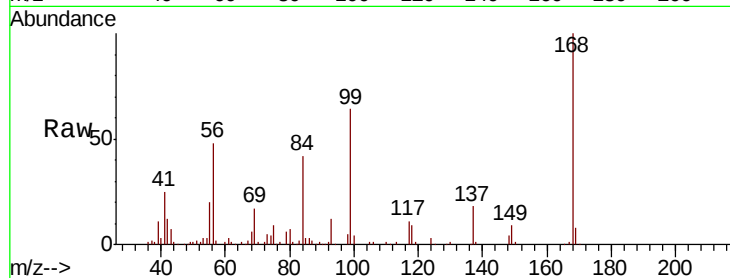
ClientSampleId :

VY0324SBS01

Tot Ion:	56	Resp:	74771
Ion	Ratio	Lower	Upper
56	100		
69	36.7	26.7	40.1
84	87.0	70.4	105.6

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#32

1,1,1-Trichloroethane

Concen: 22.728 ug/l

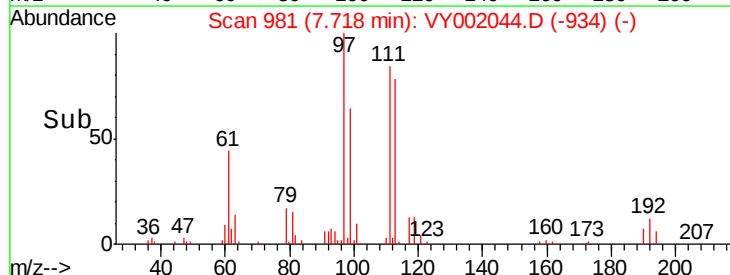
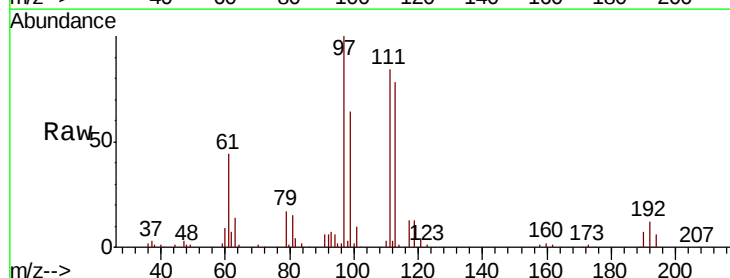
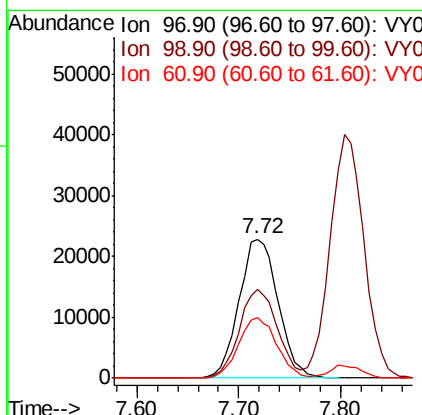
RT: 7.72 min Scan# 981

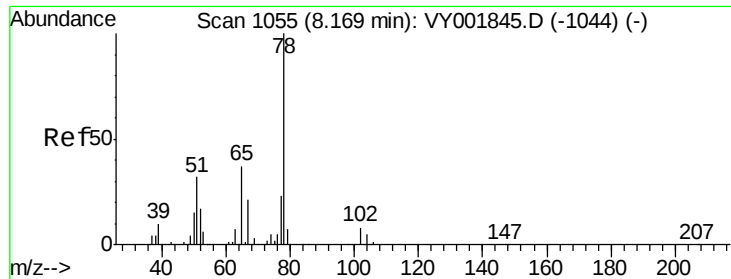
Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion:	97	Resp:	60652
Ion	Ratio	Lower	Upper
97	100		
99	62.5	52.0	78.0
61	43.0	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 55.879 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 65 Resp: 91884

Ion Ratio Lower Upper

65 100

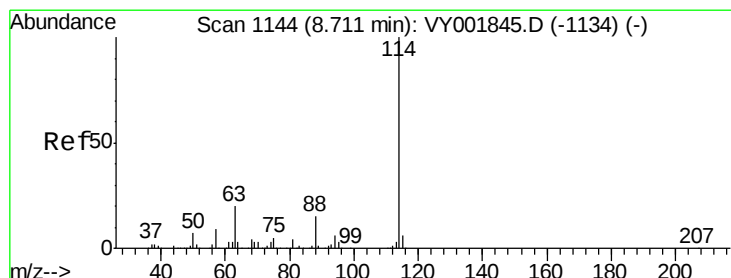
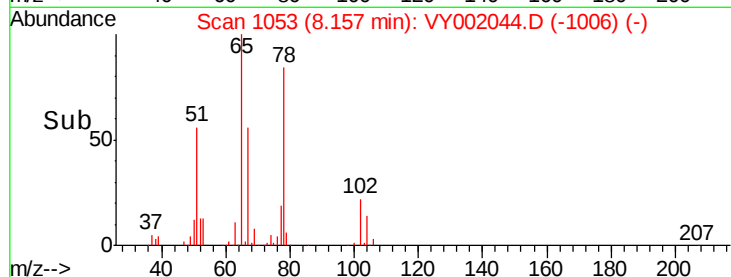
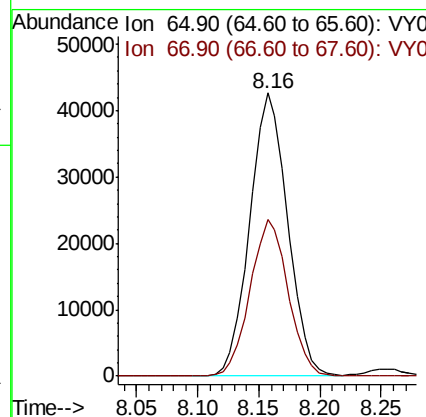
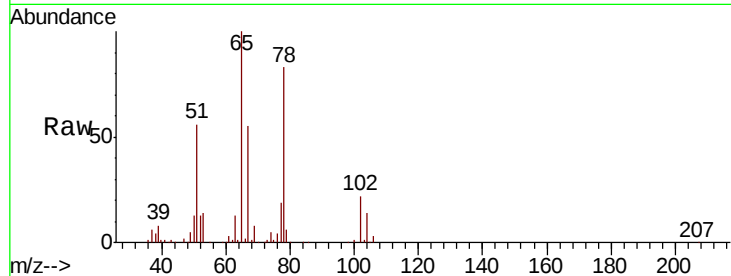
67 55.5 0.0 110.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

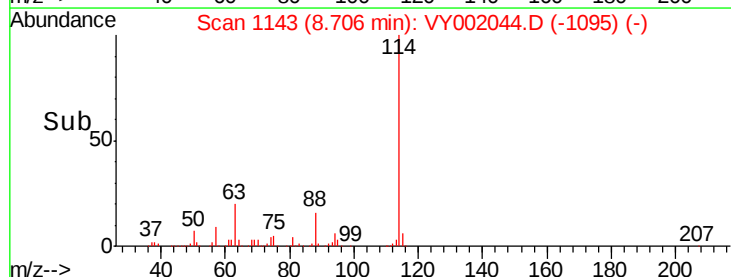
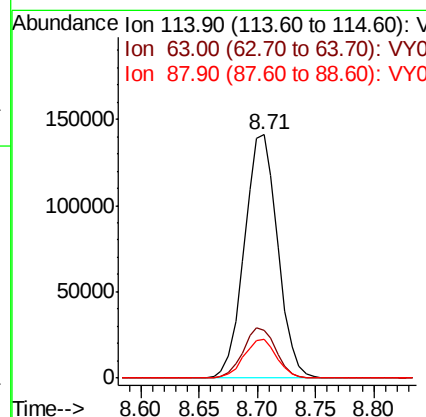
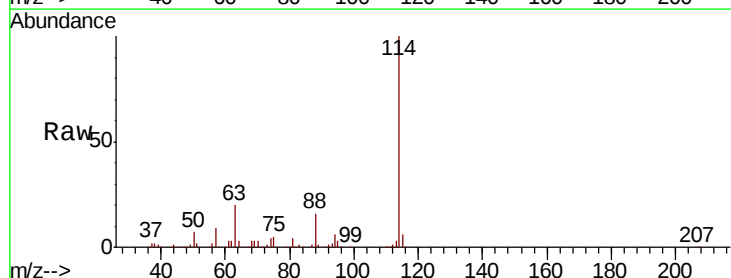
Tgt Ion: 114 Resp: 281291

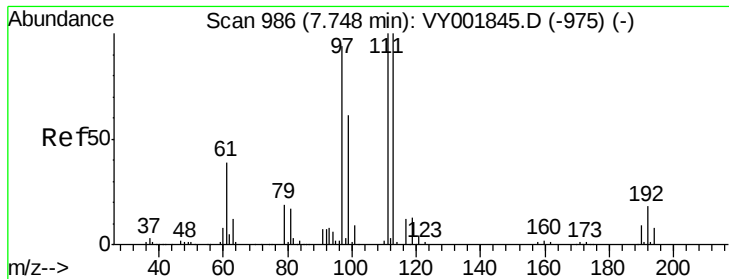
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

88 15.8 0.0 30.4





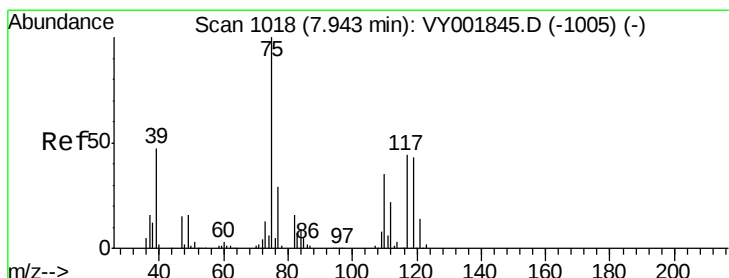
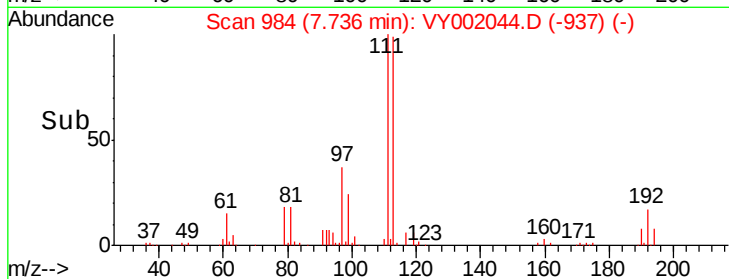
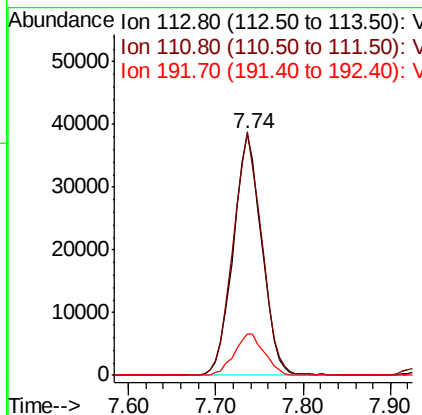
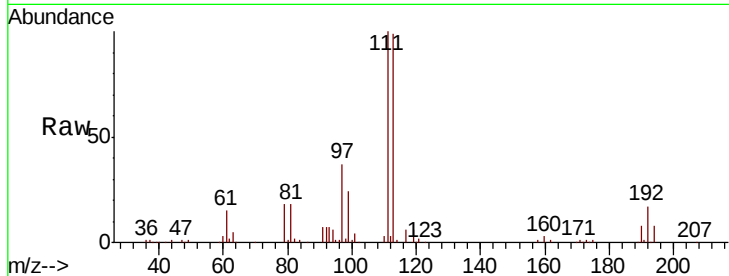
#35
Dibromofluoromethane
Concen: 56.842 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	18.0	14.2	21.2

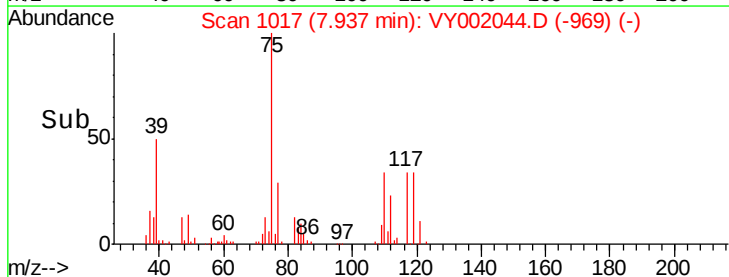
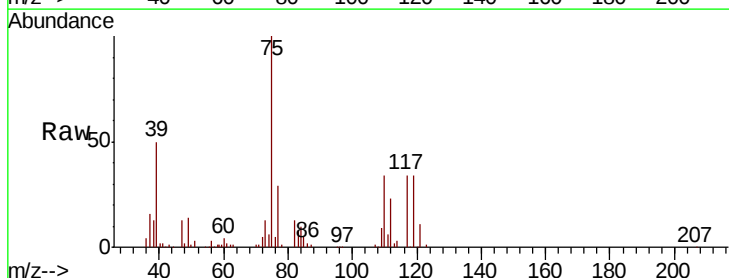
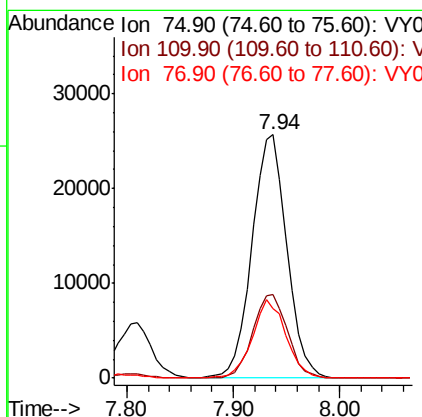
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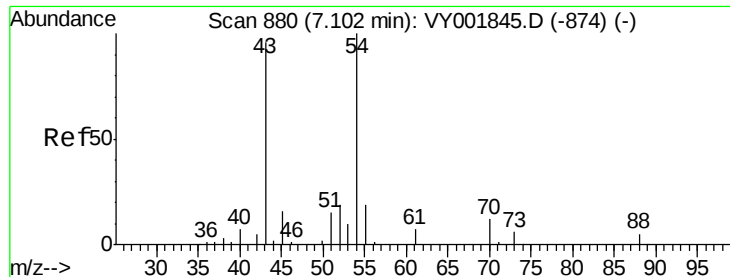
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#36
1,1-Dichloropropene
Concen: 21.807 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.4	52.2
77	31.2	24.2	36.2





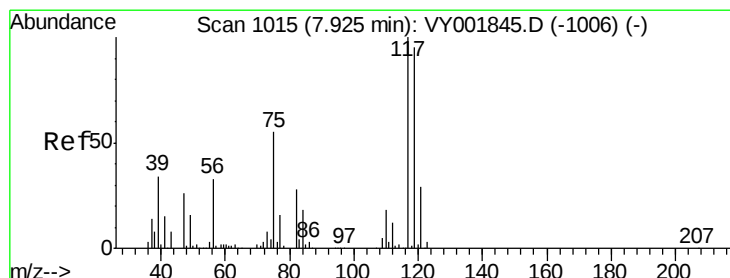
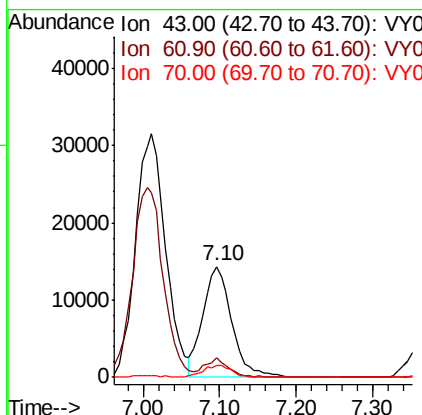
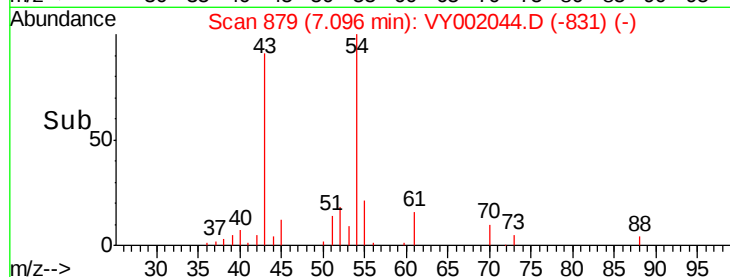
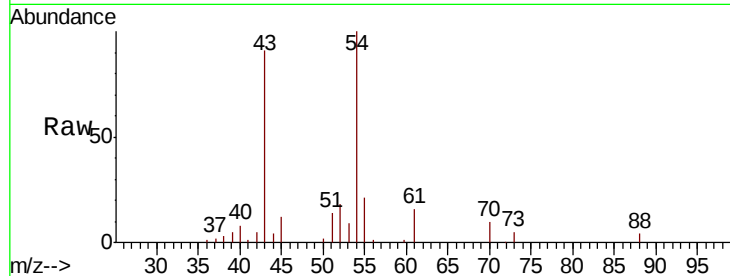
#37
Ethyl Acetate
Concen: 24.142 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion:	43	Resp:	37981
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.1	16.7
70	10.9	8.2	12.4

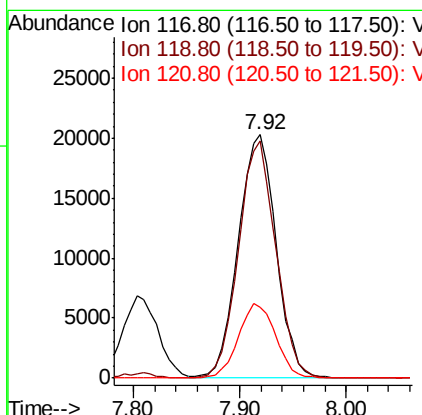
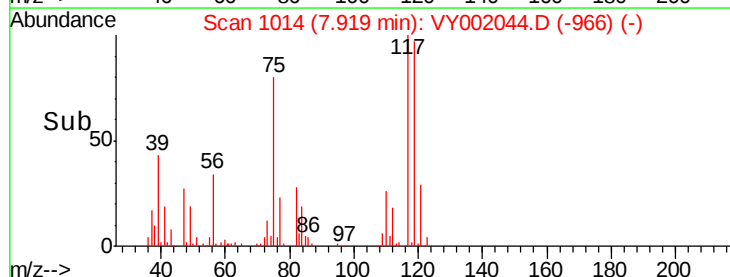
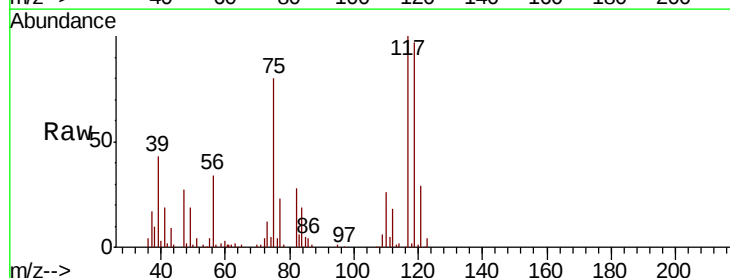
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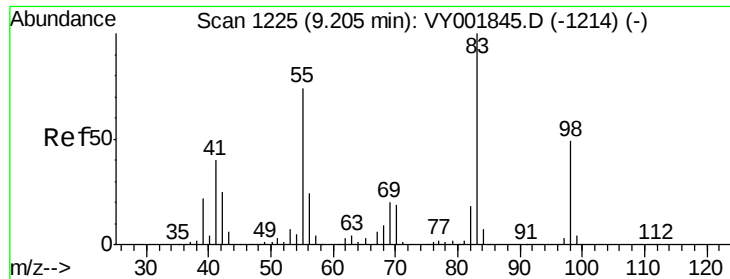
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#38
Carbon Tetrachloride
Concen: 21.969 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion:	117	Resp:	50800
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.3	114.5
121	29.3	23.5	35.3





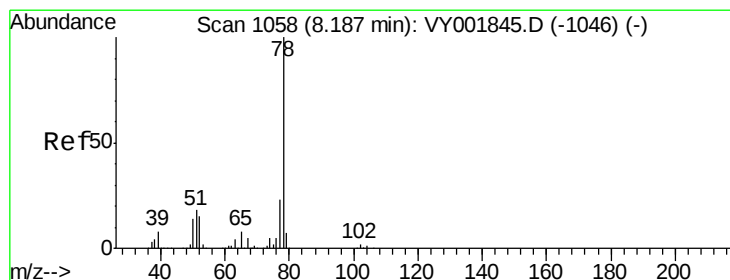
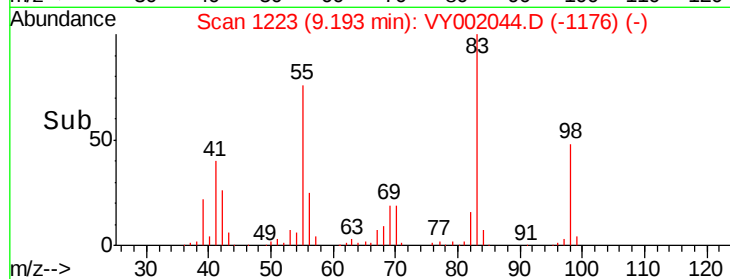
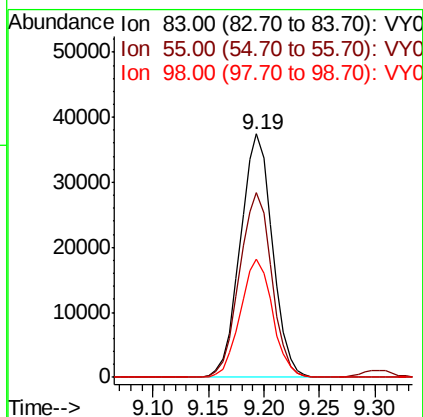
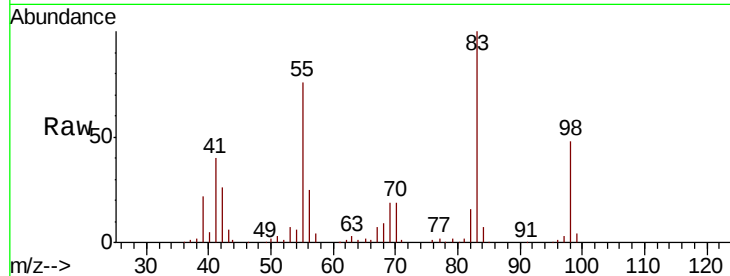
#39
Methvlcvclohexane
Concen: 20.881 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.4	89.0
98	48.4	38.9	58.3

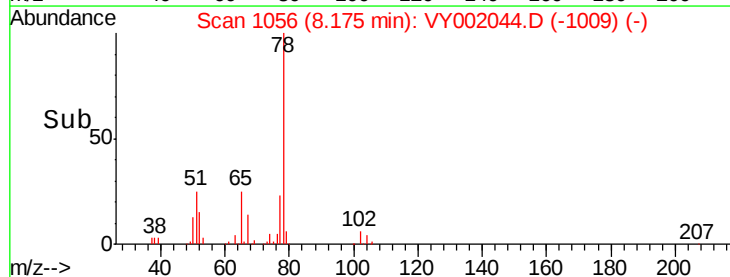
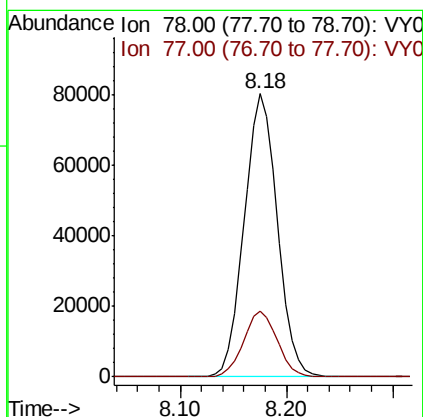
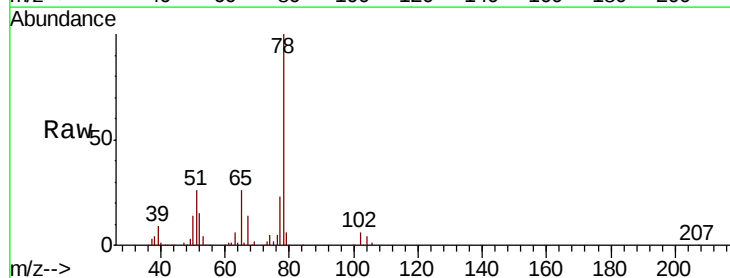
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#40
Benzene
Concen: 21.831 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





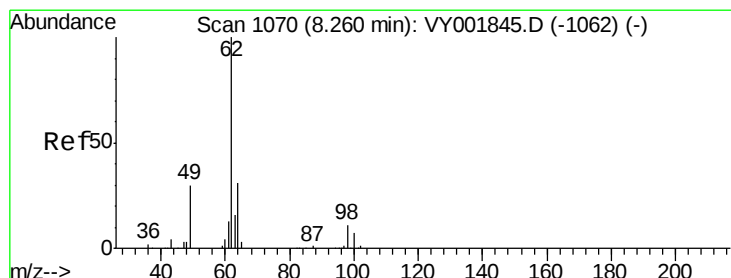
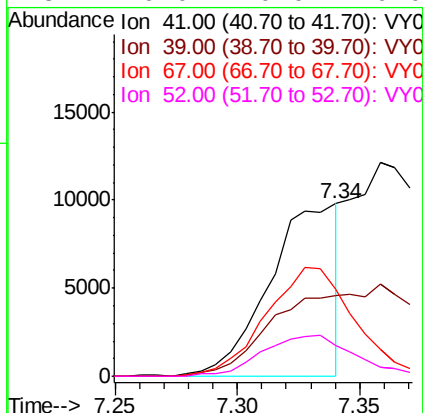
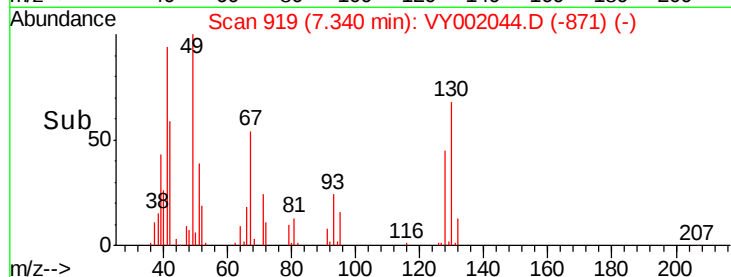
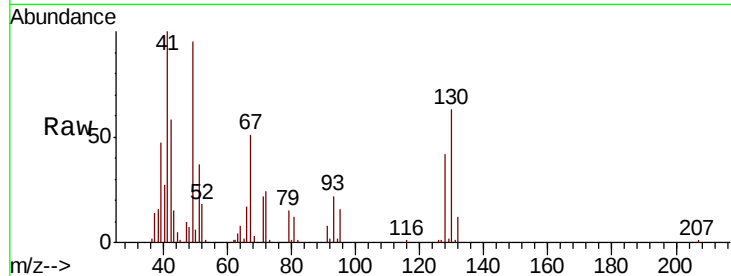
#41
Methacrylonitrile
Concen: 27.091 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	41	Resp:	19181
Ion	Ratio	Lower	Upper
41	100		
39	118.3	111.7	167.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

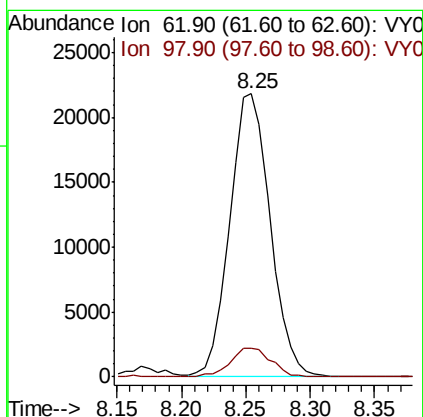
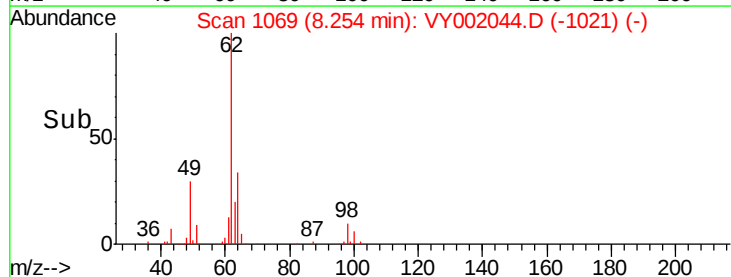
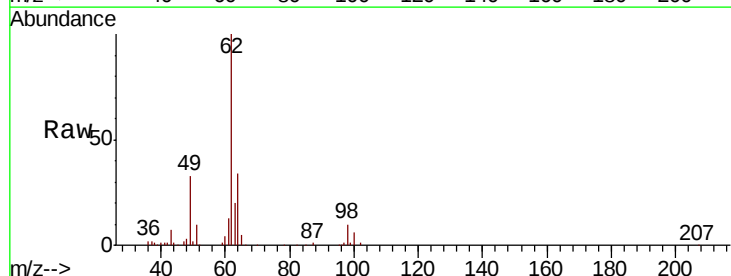
Manual Integrations
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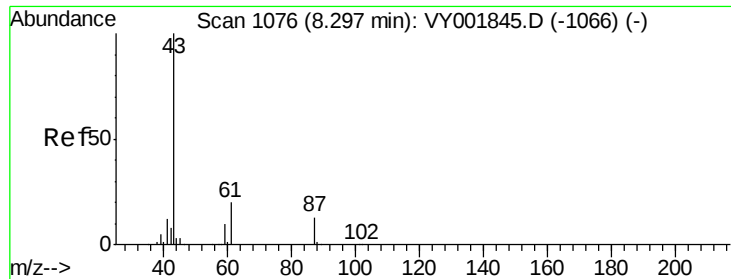
apatel
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#42
1,2-Dichloroethane
Concen: 23.110 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	62	Resp:	47779
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.4





#43

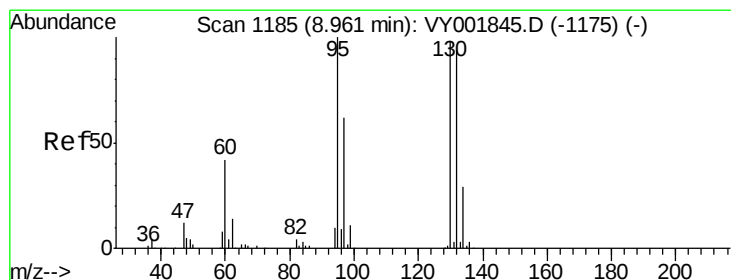
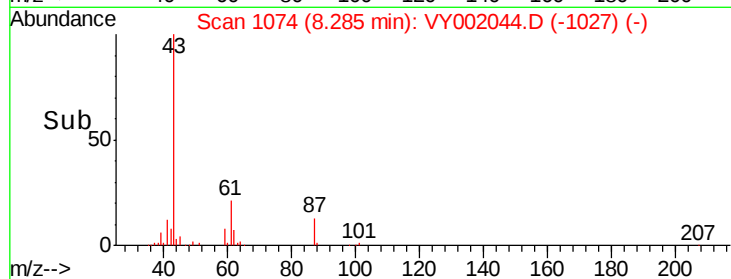
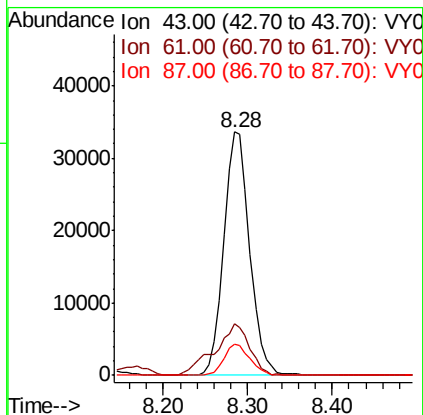
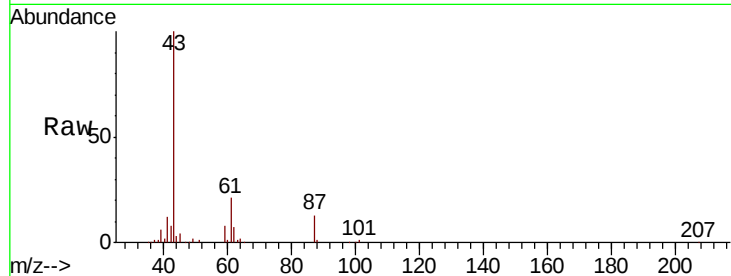
Isopropyl Acetate
 Concen: 23.763 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.8	35.6
87	12.7	10.9	16.3

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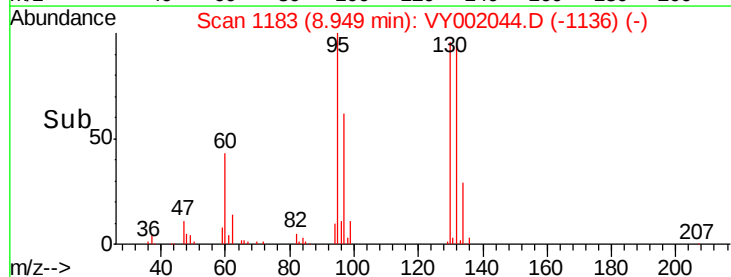
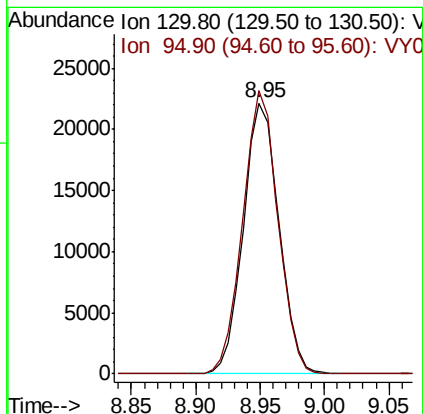
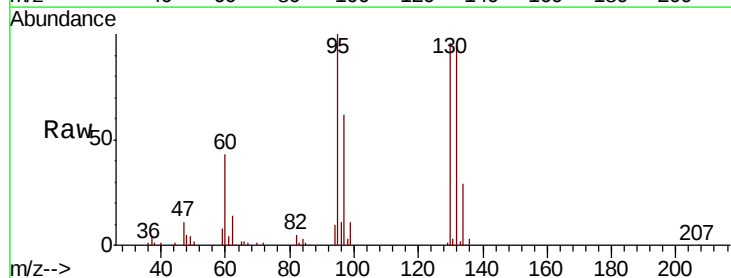
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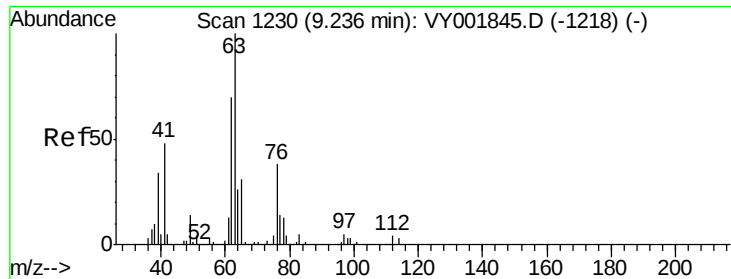


#44

Trichloroethene
 Concen: 21.657 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	204.6





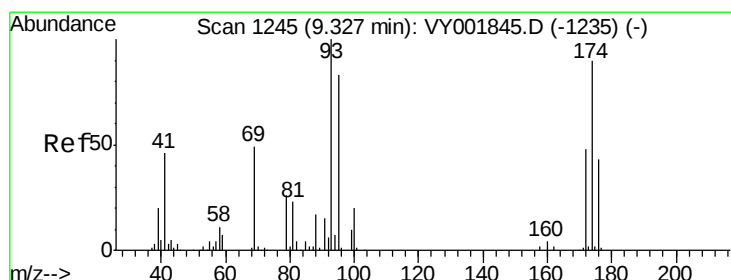
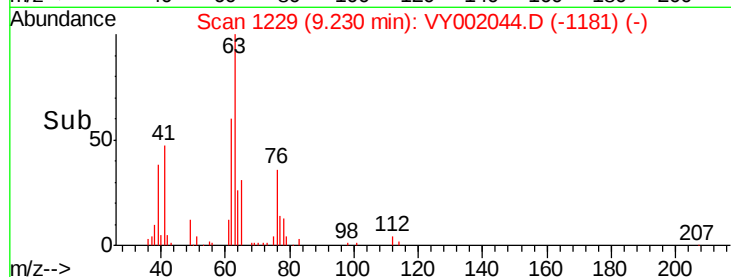
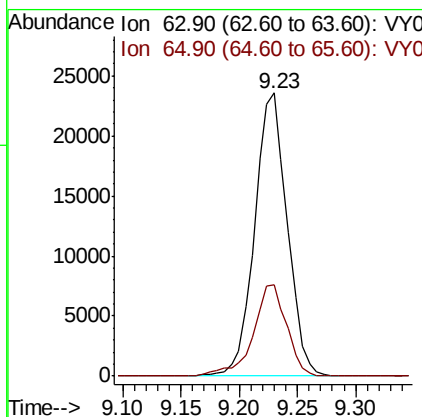
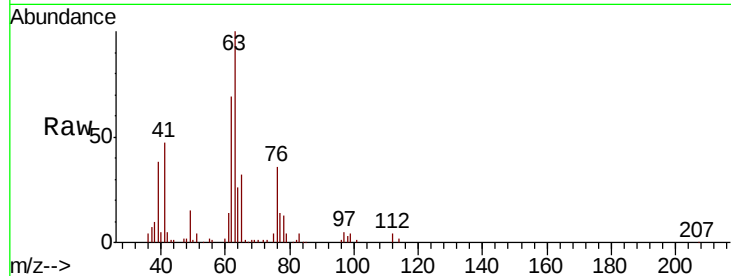
#45
 1,2-Dichloropropane
 Concen: 22.610 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion: 63 Resp: 45602
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.9 37.3

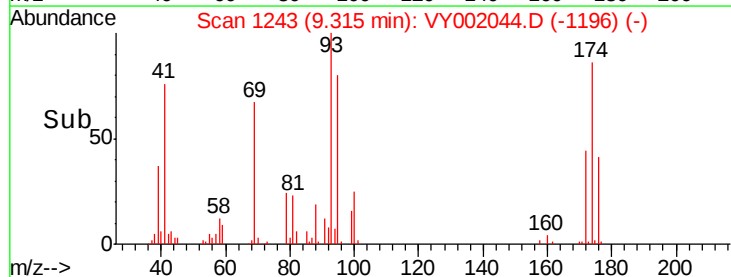
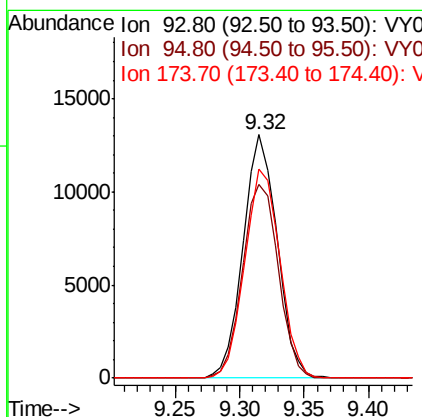
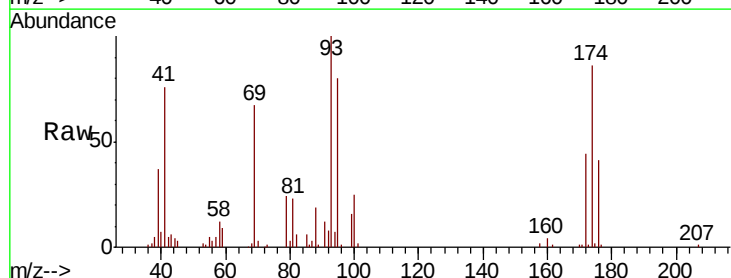
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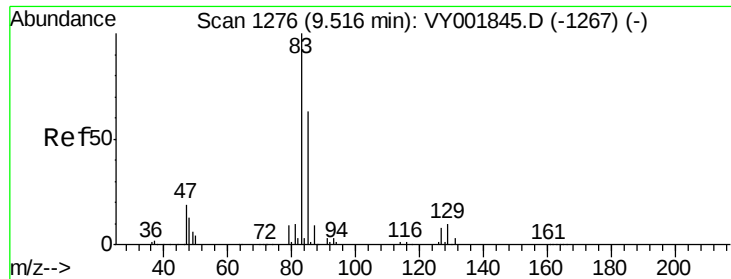
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#46
 Dibromomethane
 Concen: 23.007 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 93 Resp: 23912
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.4
 174 88.6 71.8 107.8





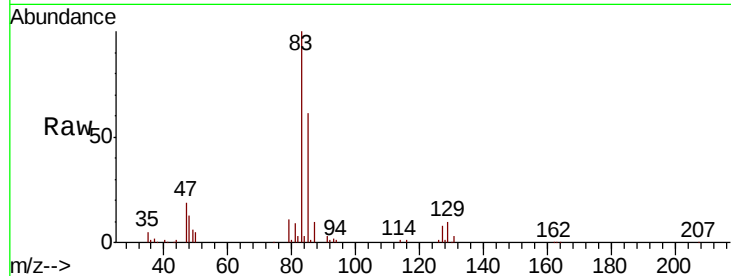
#47
Bromodichloromethane
Concen: 23.176 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

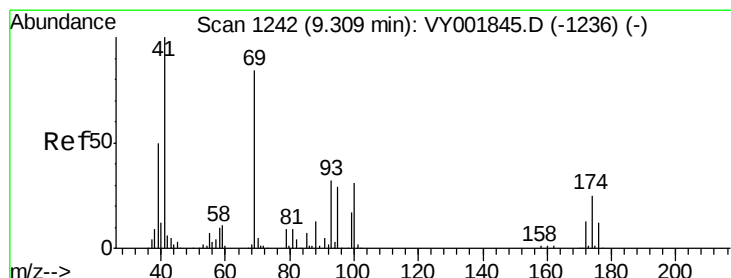
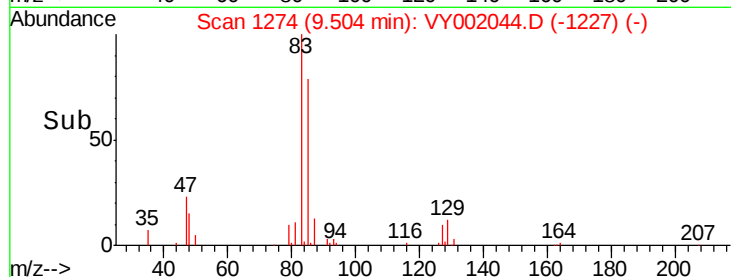
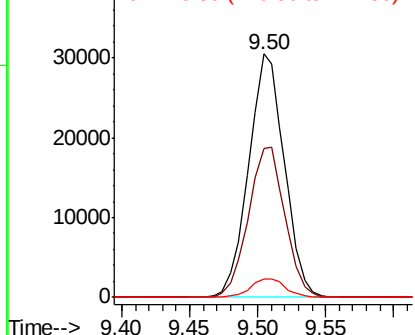
Tot Ion	83	Resp	56034
Ion Ratio	100		
85	61.1	50.6	76.0
127	7.6	6.2	9.4

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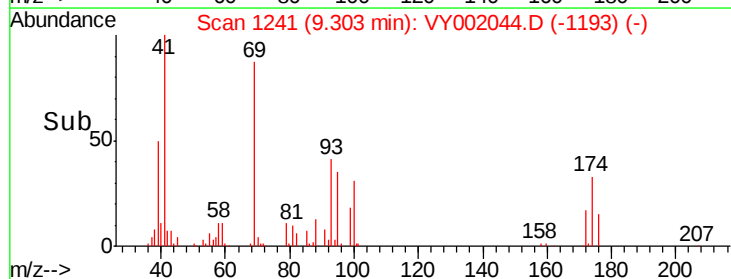
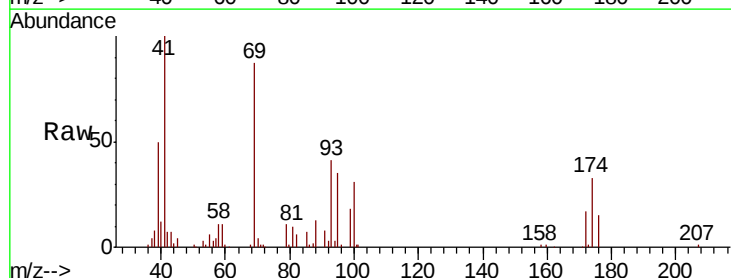
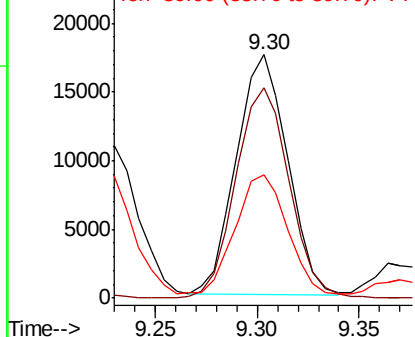
Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

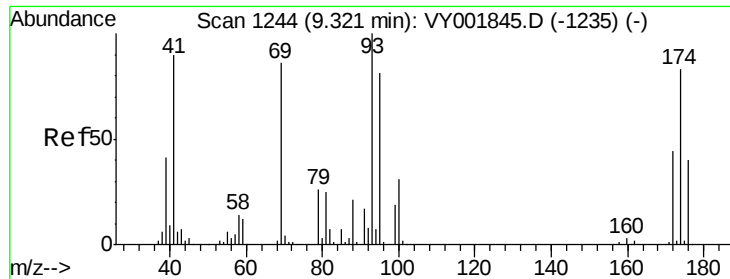


#48
Methyl methacrylate
Concen: 23.087 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	41	Resp	30514
Ion Ratio	100		
69	91.5	69.0	103.6
39	53.9	39.1	58.7

Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





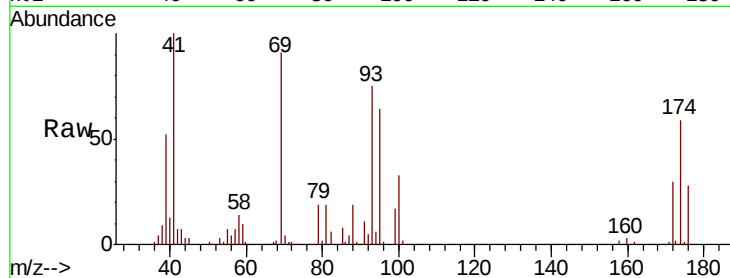
#49
 1,4-Dioxane
 Concen: 462.656 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.1	25.0	37.6
58	79.7	58.9	88.3

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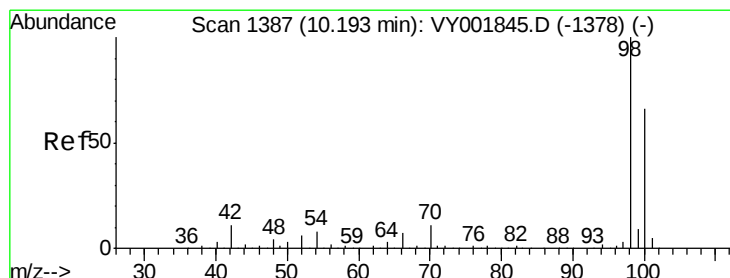
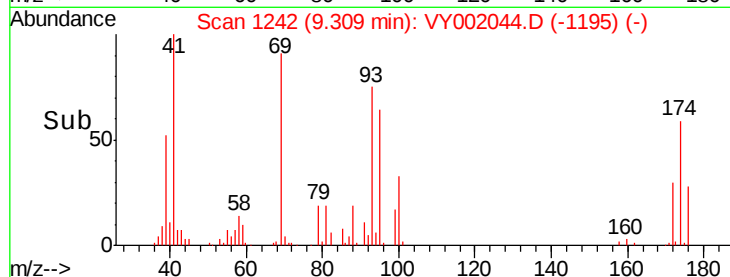
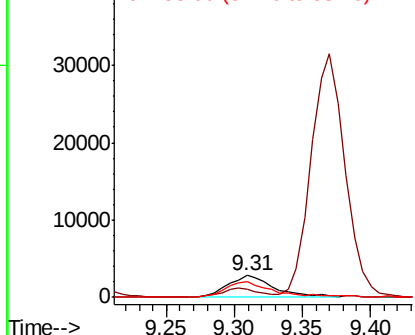


Abundance

Ion 88.00 (87.70 to 88.70): VY0

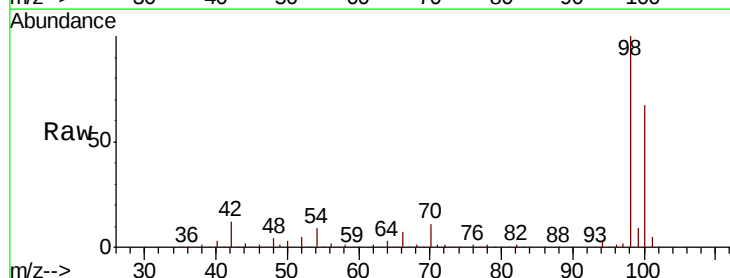
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
 Toluene-d8
 Concen: 53.052 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

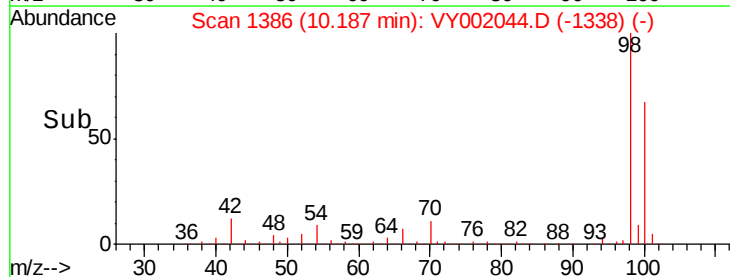
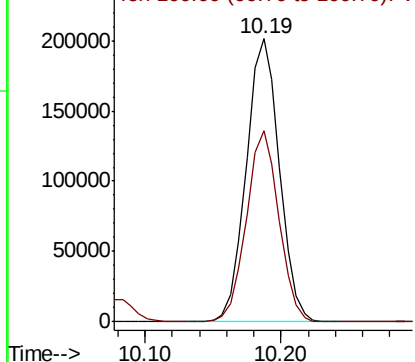
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

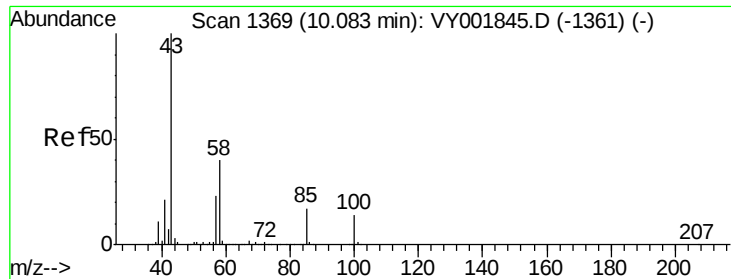


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 119.172 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 43 Resp: 182832

Ion Ratio Lower Upper

43 100

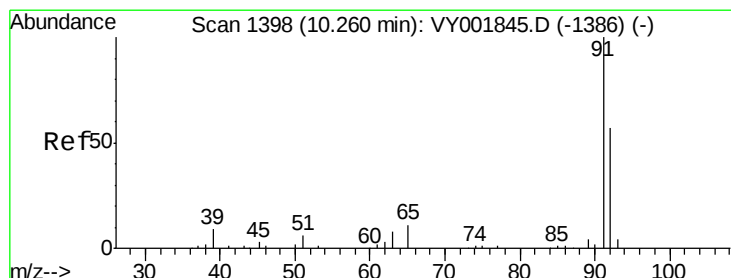
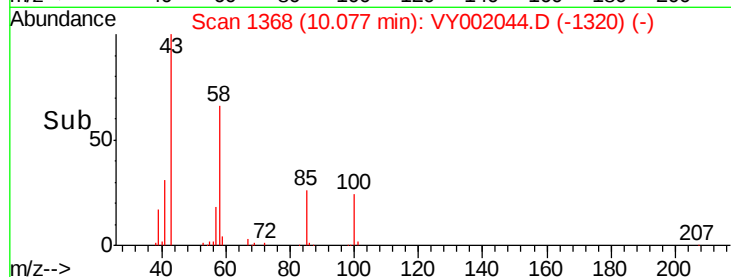
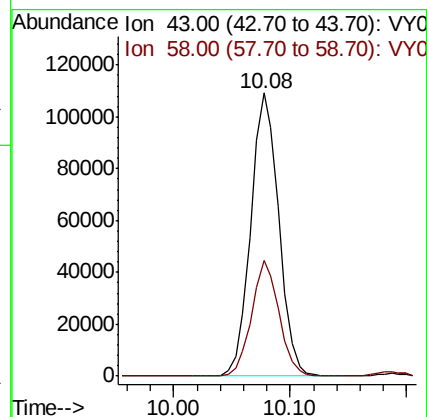
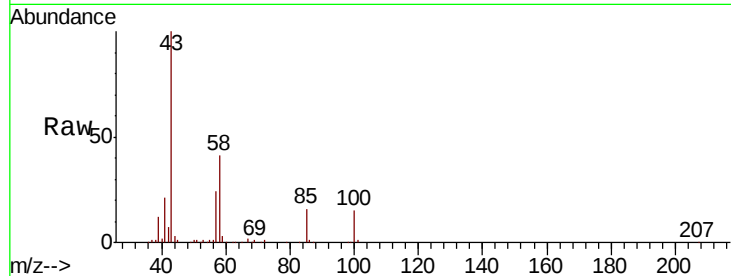
58 39.9 32.0 48.0

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#52

Toluene

Concen: 22.003 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002044.D

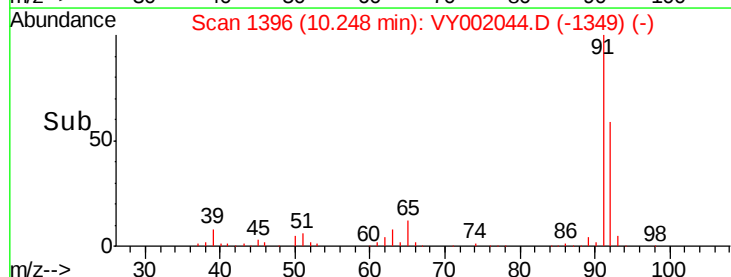
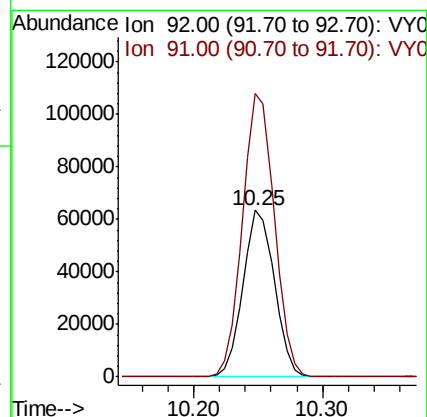
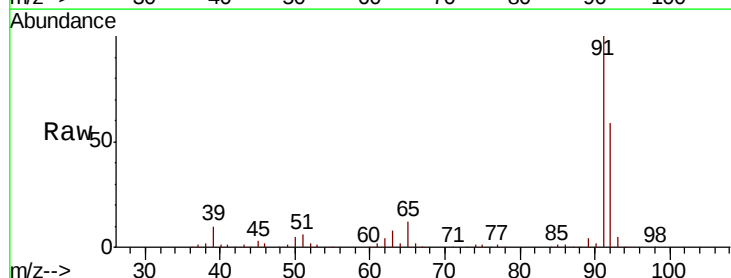
Acq: 24 Mar 2020 12:50

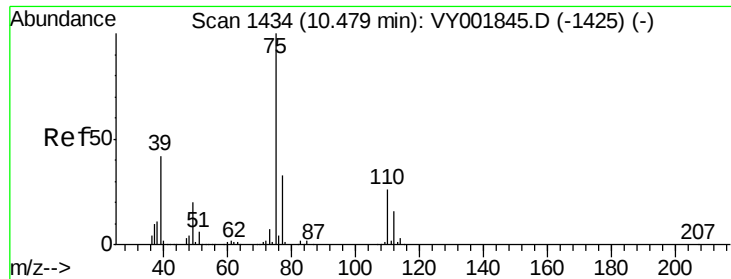
Tgt Ion: 92 Resp: 107239

Ion Ratio Lower Upper

92 100

91 172.7 138.6 208.0





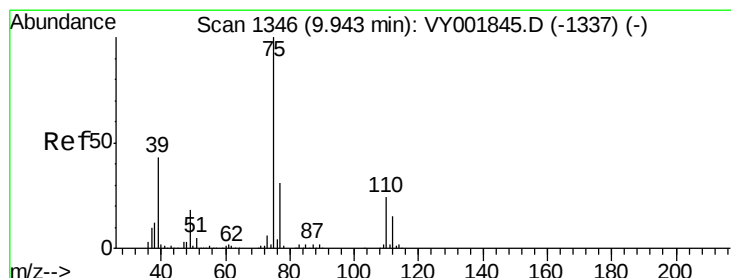
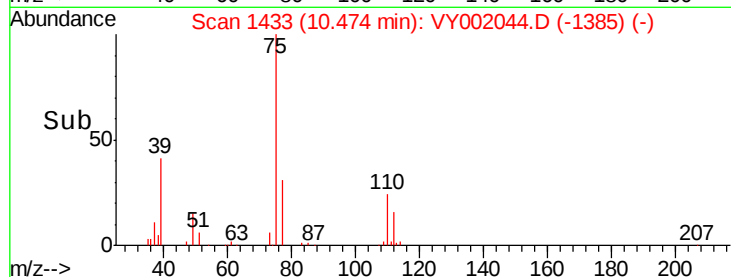
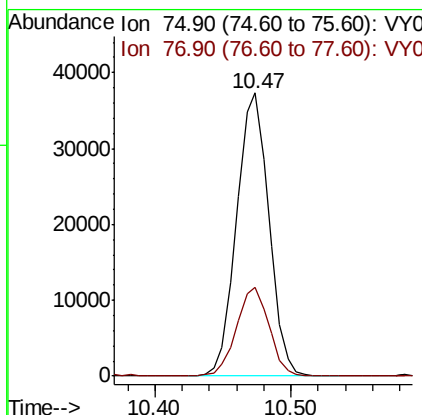
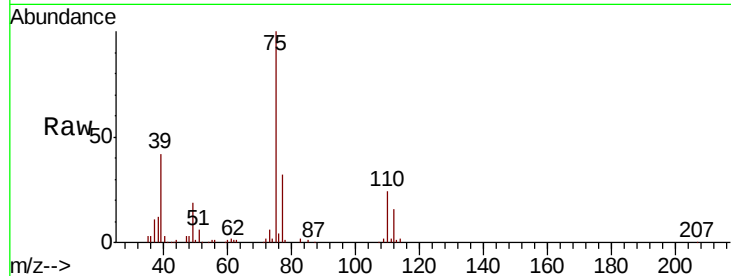
#53
t-1,3-Dichloropropene
Concen: 23.416 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion: 75 Resp: 61679
Ion Ratio Lower Upper
75 100
77 31.6 26.3 39.5

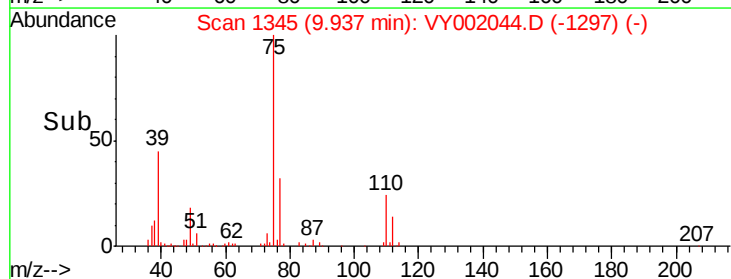
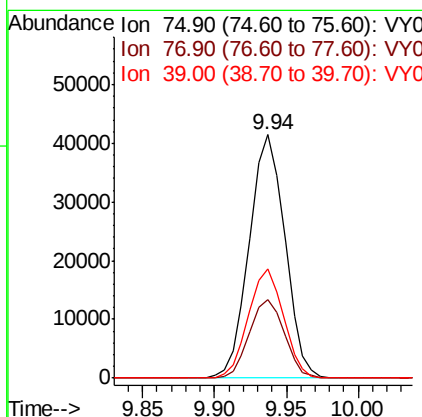
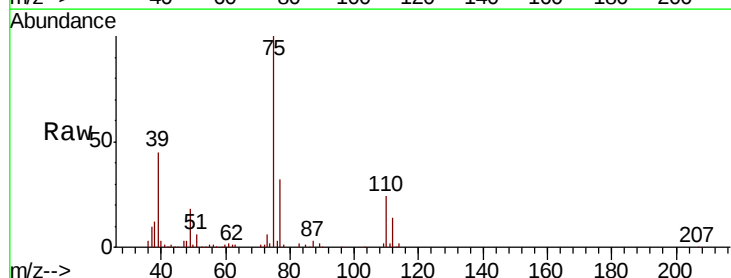
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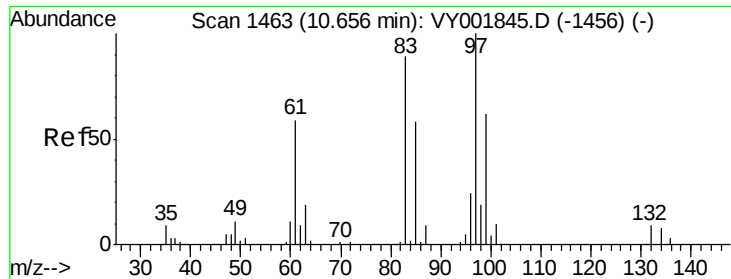
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#54
cis-1,3-Dichloropropene
Concen: 22.713 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 75 Resp: 71221
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
39 45.1 34.7 52.1





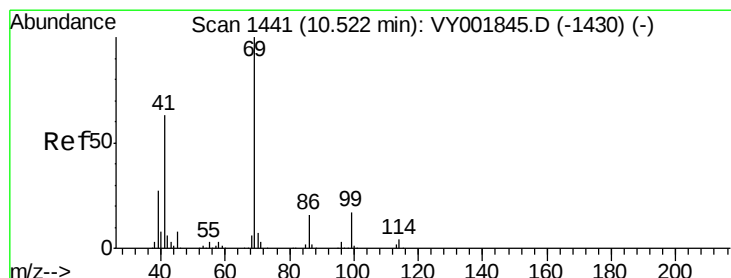
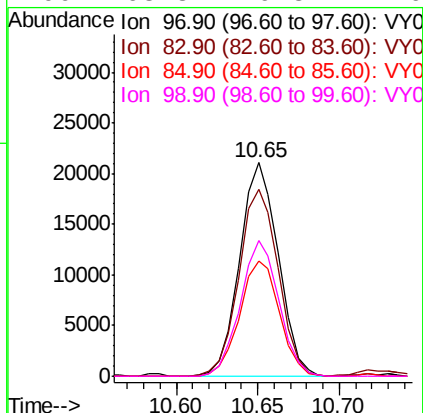
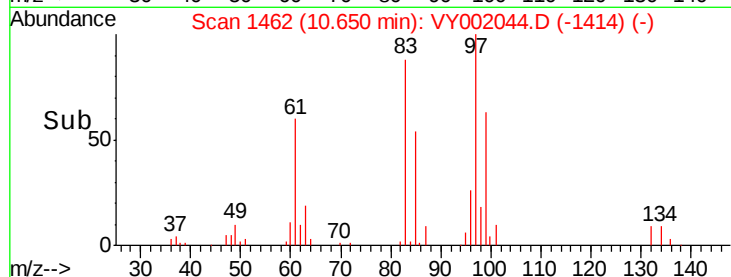
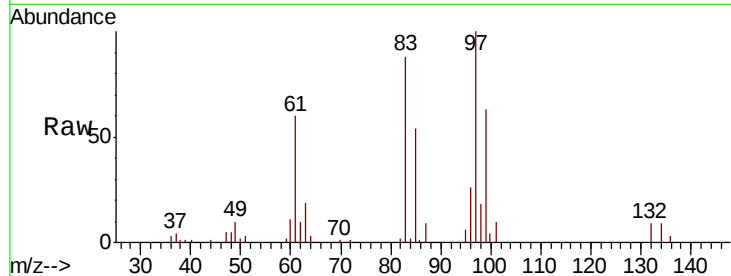
#55
 1,1,2-Trichloroethane
 Concen: 22.850 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion:	97	Resp:	34757
Ion	Ratio	Lower	Upper
97	100		
83	87.6	71.6	107.4
85	54.1	46.6	69.8
99	63.3	49.8	74.6

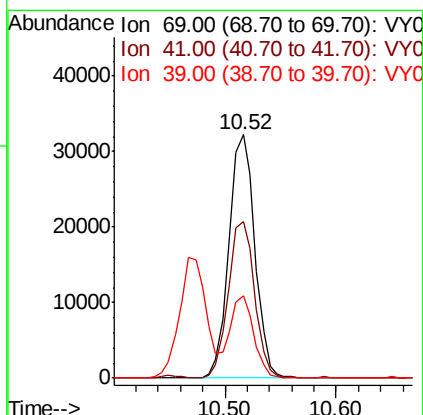
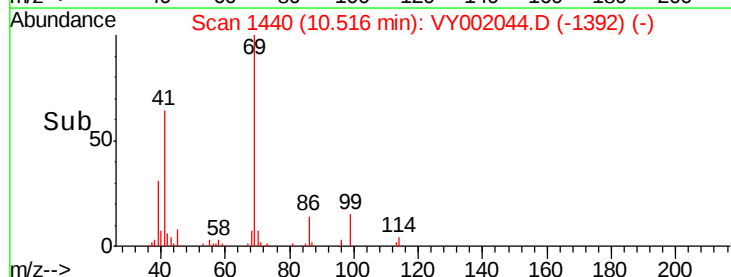
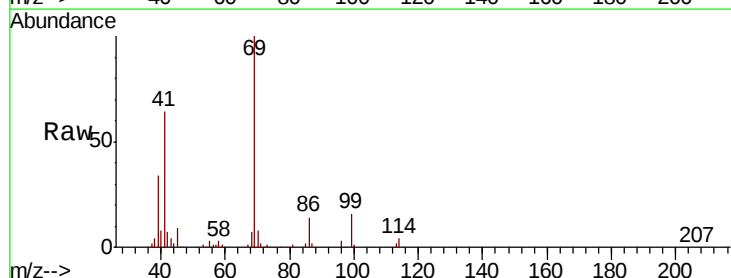
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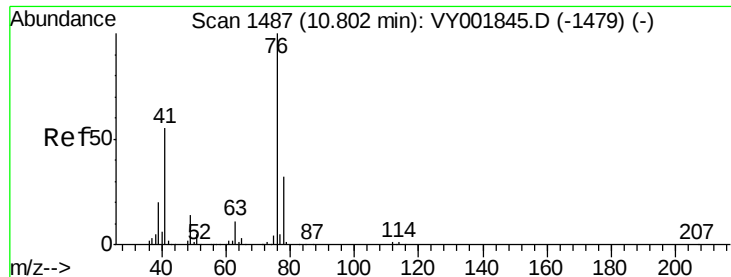
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#56
 Ethyl methacrylate
 Concen: 23.290 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion:	69	Resp:	51926
Ion	Ratio	Lower	Upper
69	100		
41	64.5	49.9	74.9
39	32.2	23.0	34.6





#57

1,3-Dichloropropane

Concen: 22.899 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 76 Resp: 62088

Ion Ratio Lower Upper

76 100

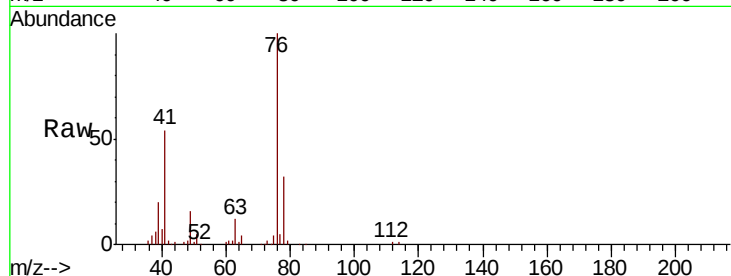
78 32.7 25.8 38.6

Manual Integrations

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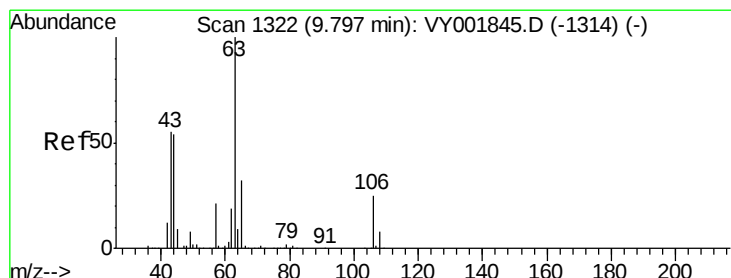
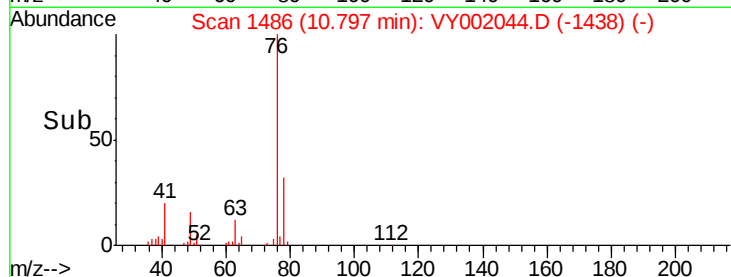
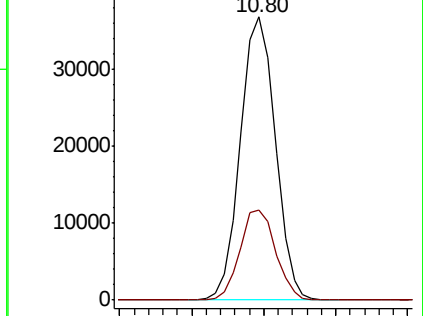
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 157.193 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002044.D

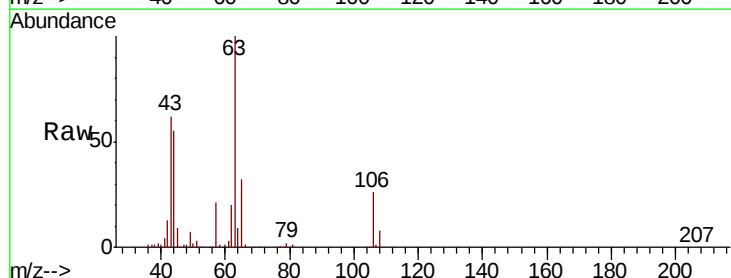
Acq: 24 Mar 2020 12:50

Tgt Ion: 63 Resp: 131816

Ion Ratio Lower Upper

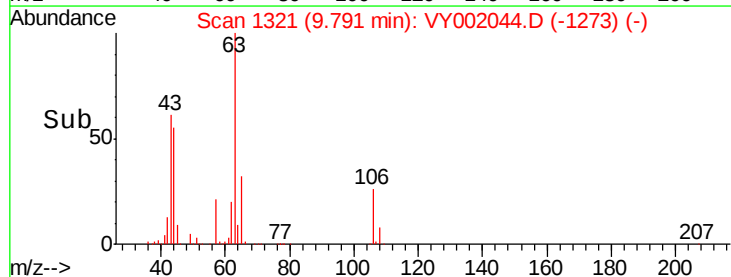
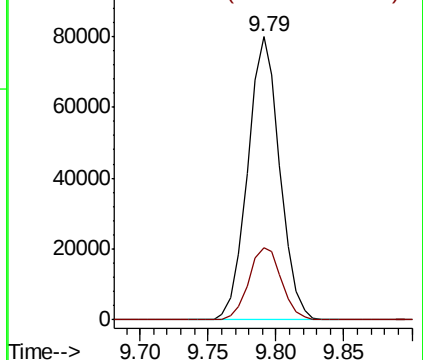
63 100

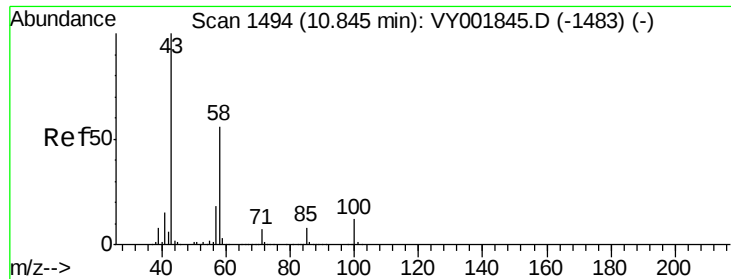
106 26.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





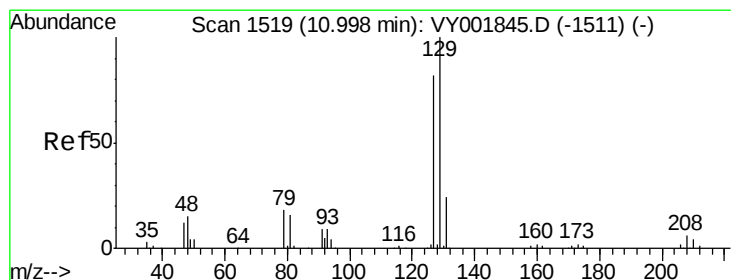
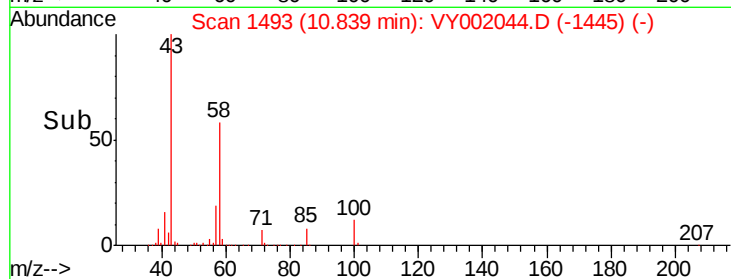
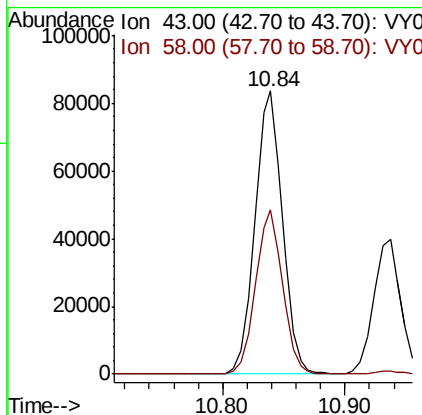
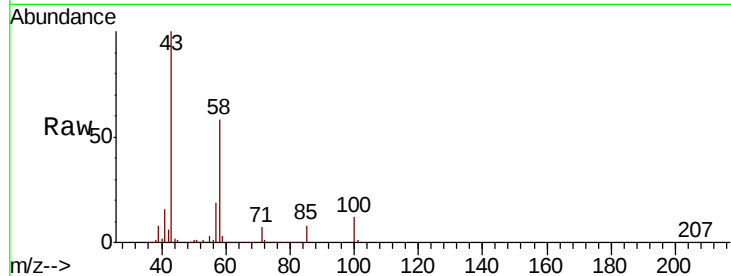
#59
2-Hexanone
Concen: 119.821 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	56.8	28.1	84.3	

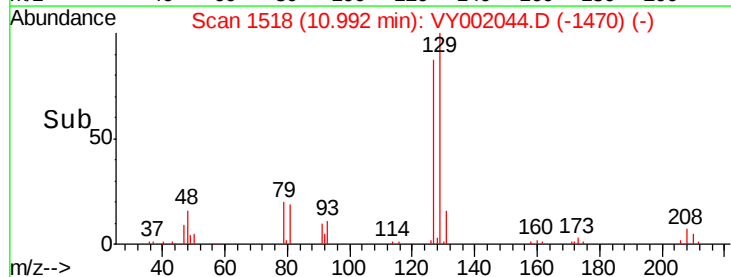
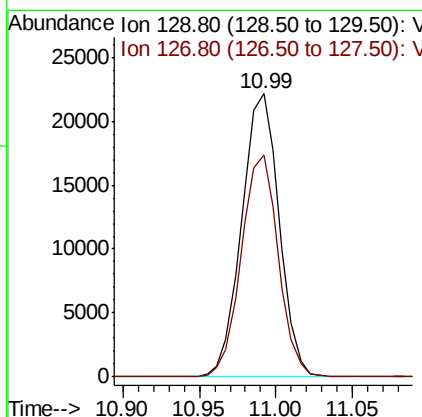
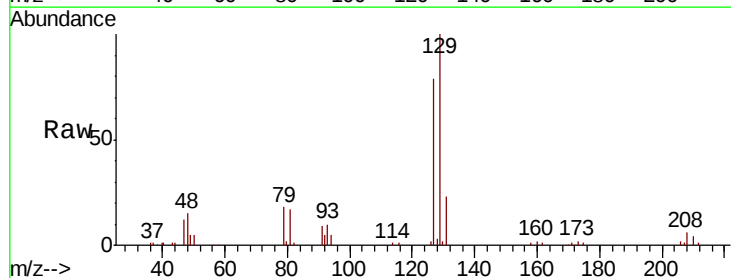
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#60
Dibromochloromethane
Concen: 23.492 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.3	39.0	117.0	





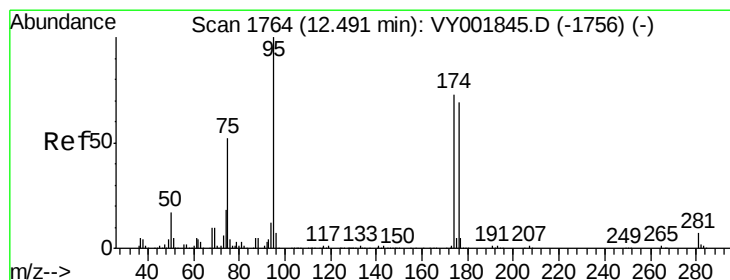
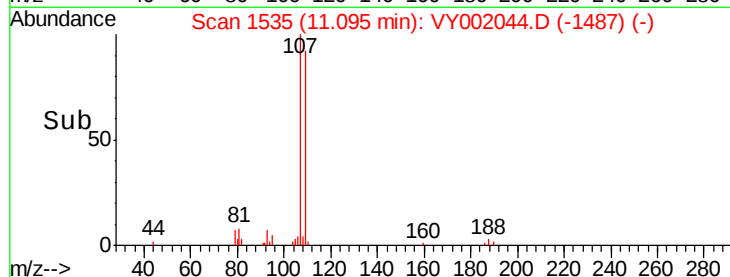
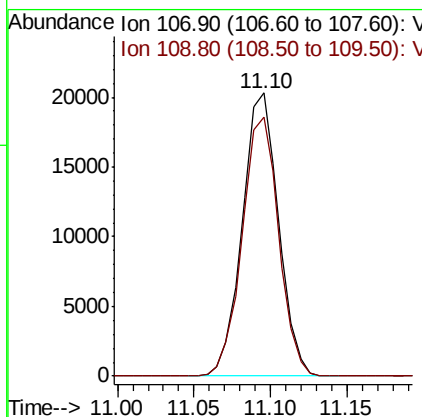
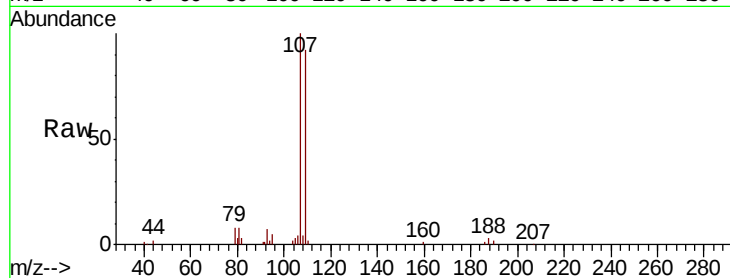
#61
1,2-Dibromoethane
Concen: 23.214 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.4	113.0

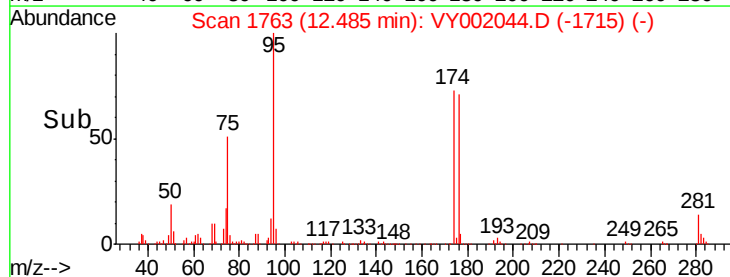
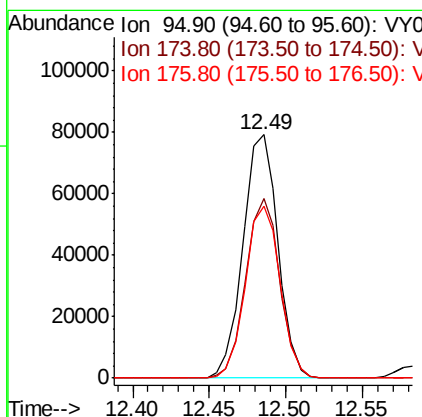
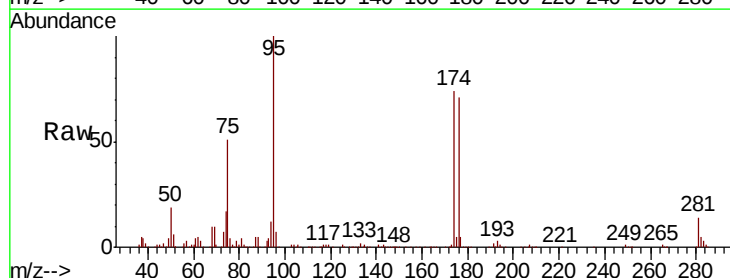
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#62
4-Bromofluorobenzene
Concen: 55.831 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	145.0
176	70.1	0.0	137.4





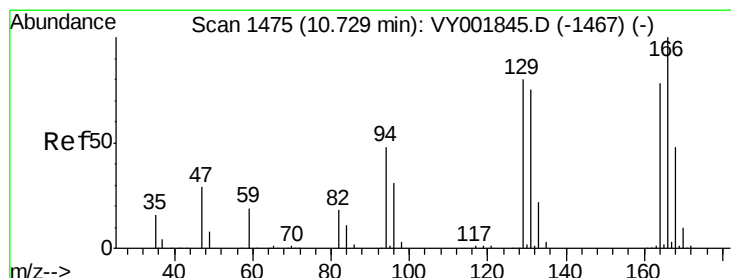
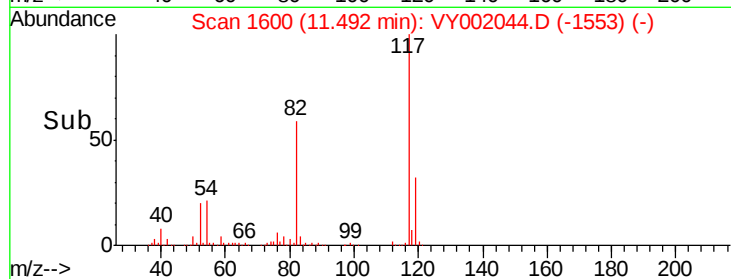
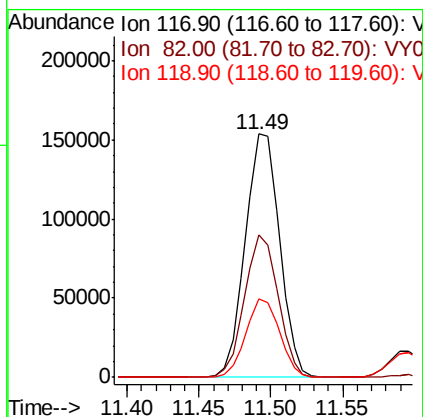
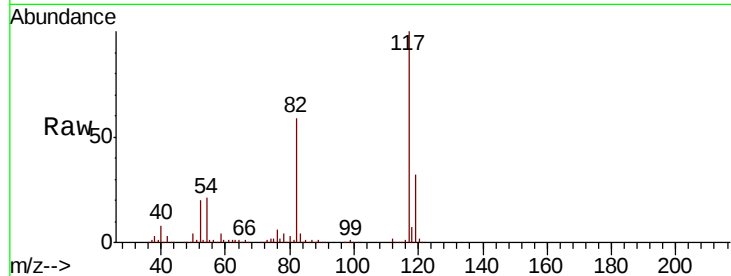
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	44.5	66.7
119	32.0	25.7	38.5

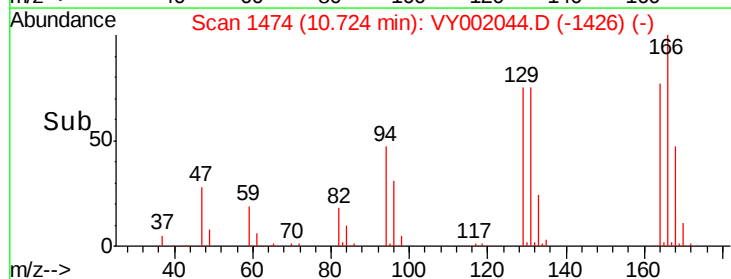
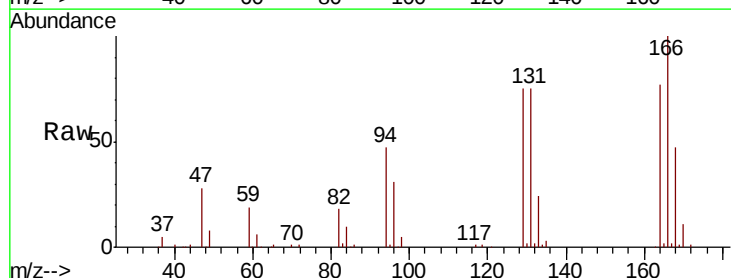
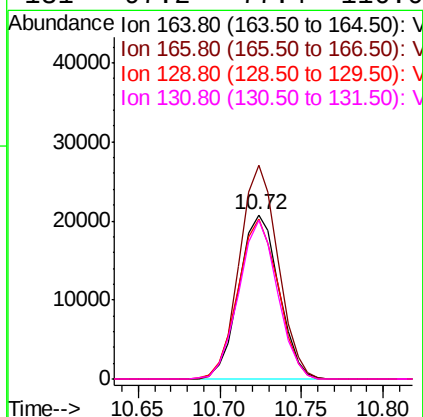
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#64
Tetrachloroethene
Concen: 22.251 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	102.6	154.0
129	97.8	82.3	123.5
131	97.2	77.4	116.0





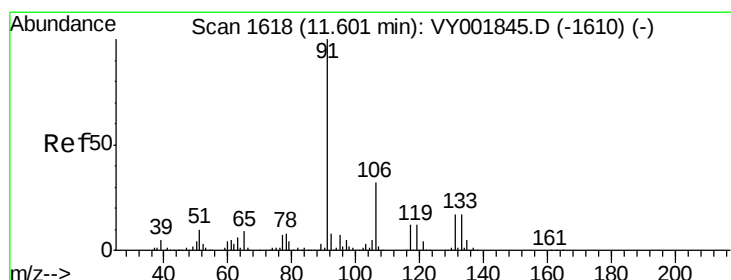
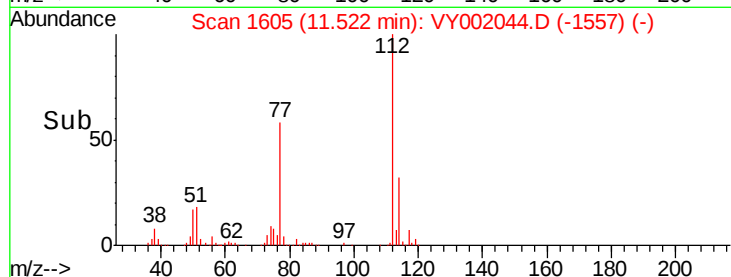
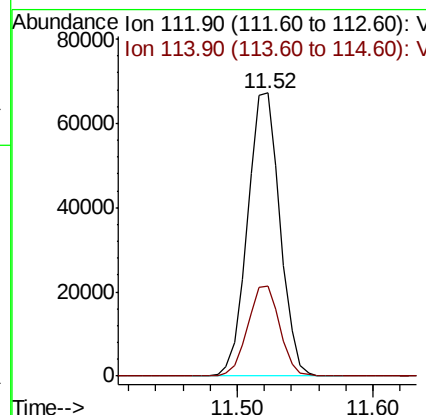
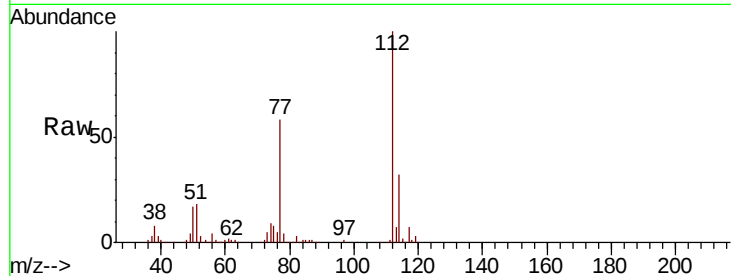
#65
Chlorobenzene
Concen: 22.113 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	112032		
114	32.0	25.9	38.9	

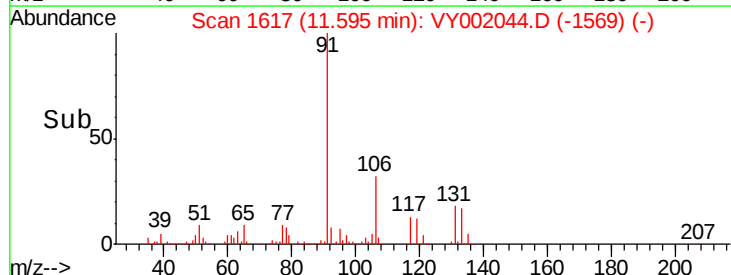
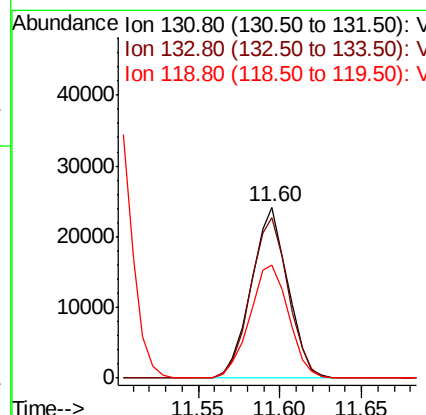
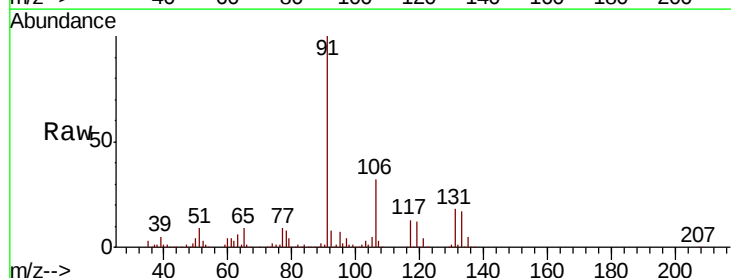
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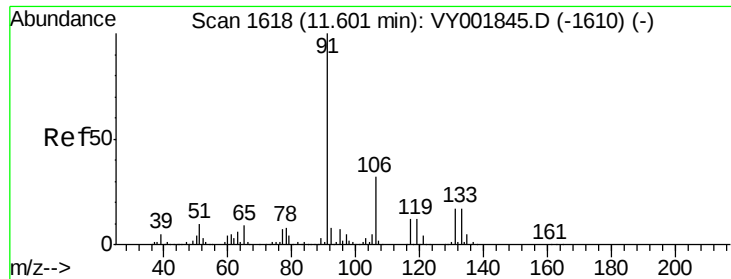
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.766 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	37823		
133	96.3	47.1	141.3	
119	70.1	34.5	103.6	





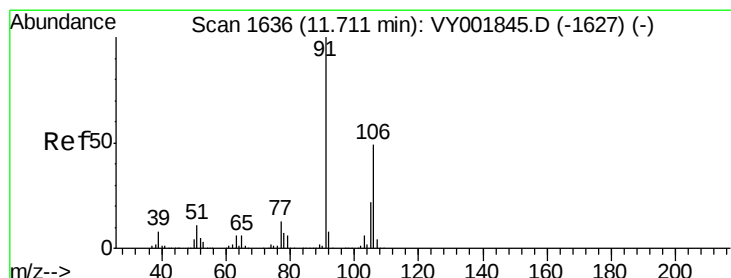
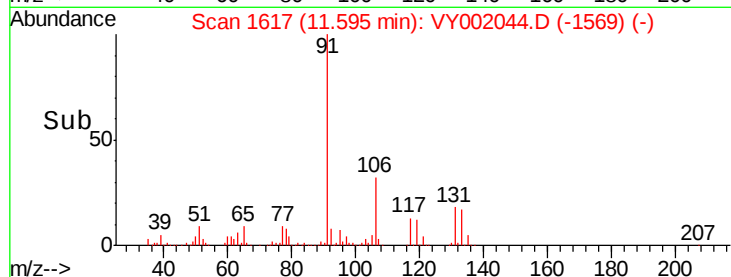
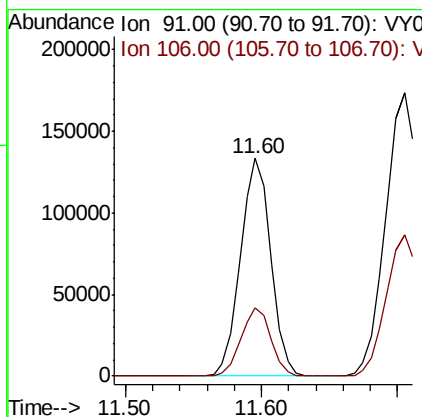
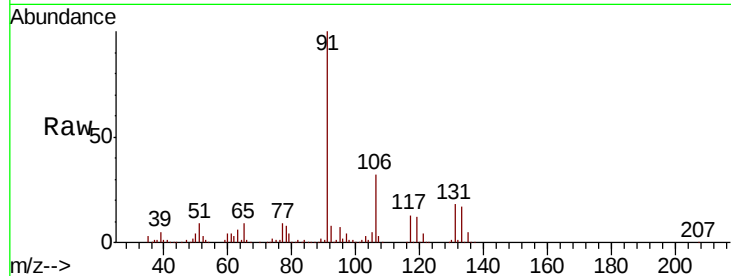
#67
Ethyl Benzene
Concen: 21.917 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion: 91 Resp: 207090
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

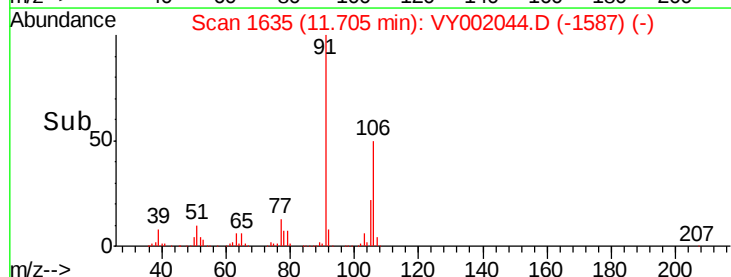
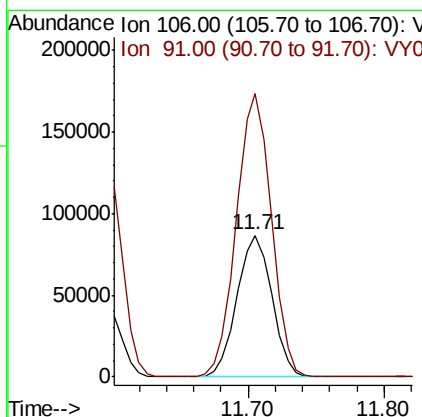
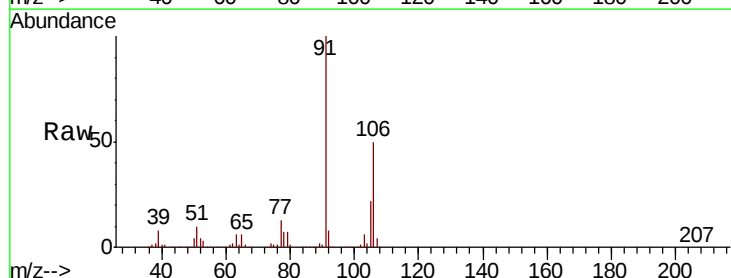
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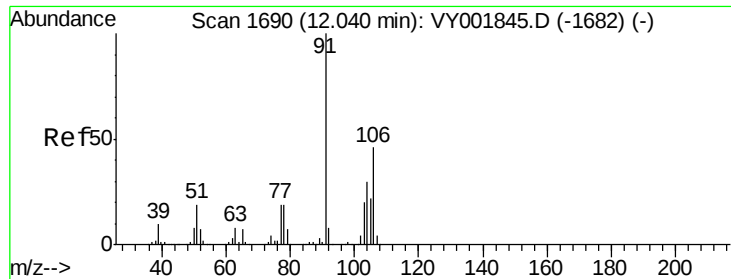
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#68
m/p-Xylenes
Concen: 44.401 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 106 Resp: 155106
Ion Ratio Lower Upper
106 100
91 201.1 161.3 241.9





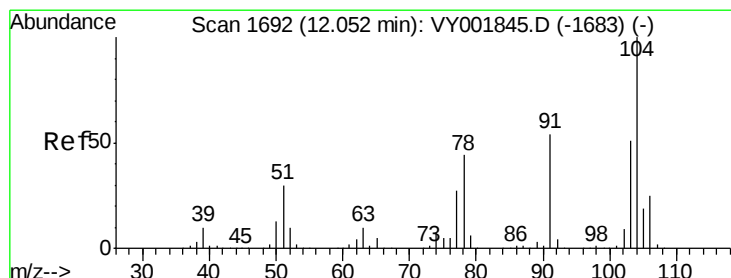
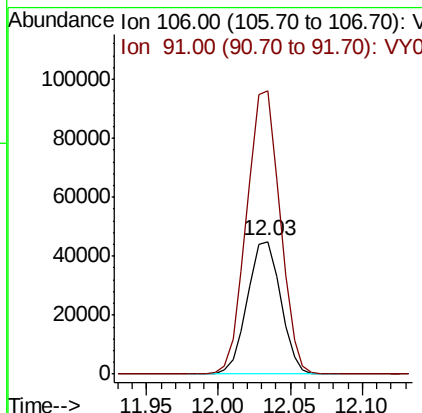
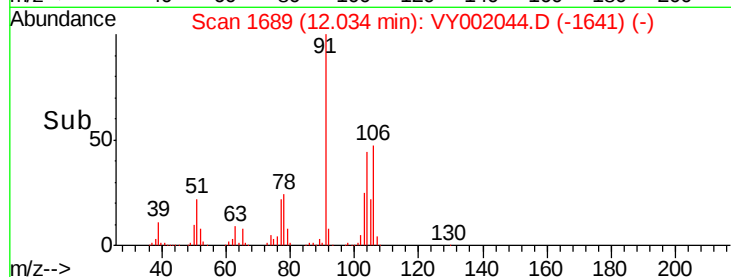
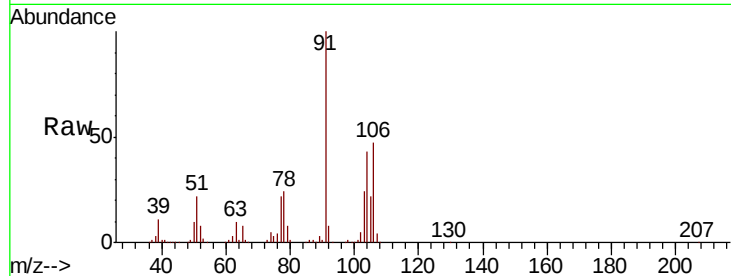
#69
o-Xylene
Concen: 21.939 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleID :
VY0324SBS01

Tot Ion:106 Resp: 72235
Ion Ratio Lower Upper
106 100
91 213.5 106.8 320.4

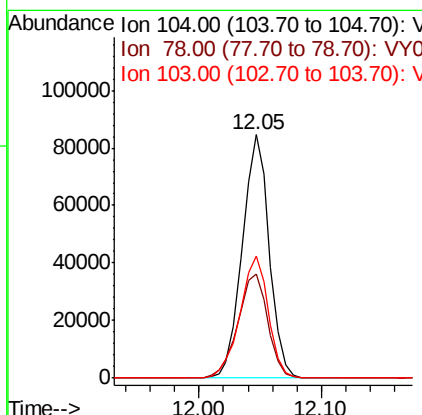
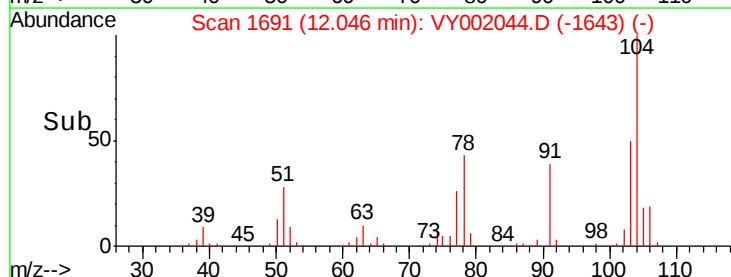
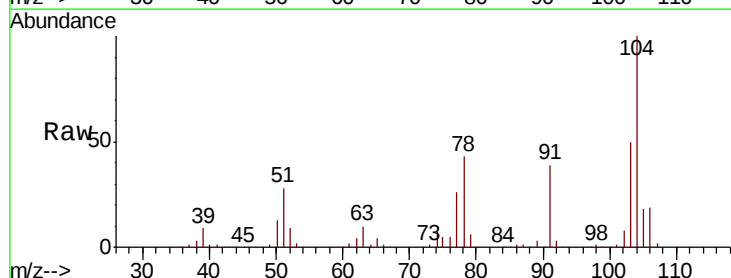
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#70
Styrene
Concen: 22.764 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion:104 Resp: 128371
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 53.2 42.9 64.3





#71

Bromoform

Concen: 23.485 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

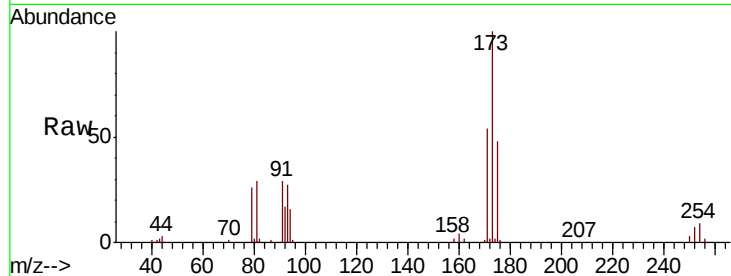
ClientSampleId :

VY0324SBS01

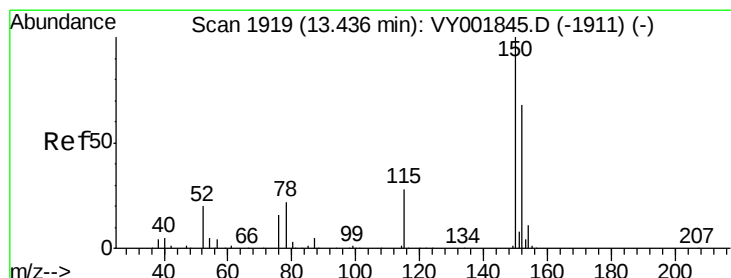
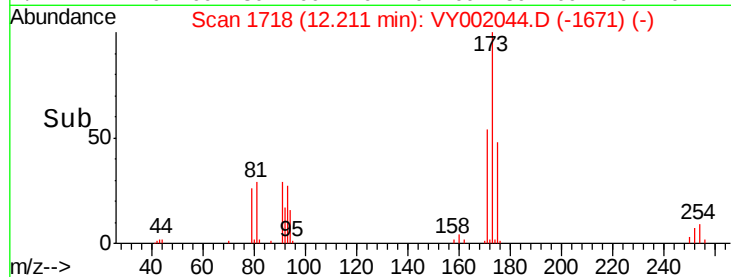
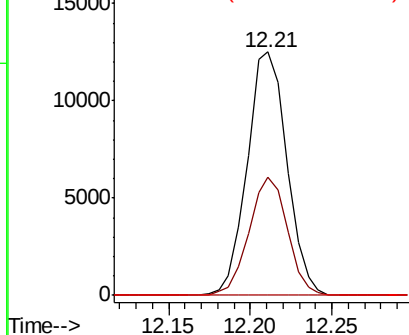
Tot Ion:	173	Resp:	21160
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.3	72.8
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

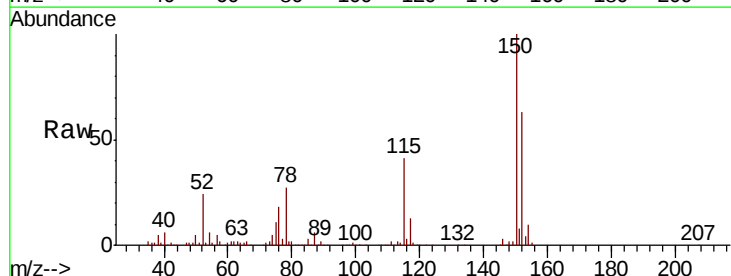
RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

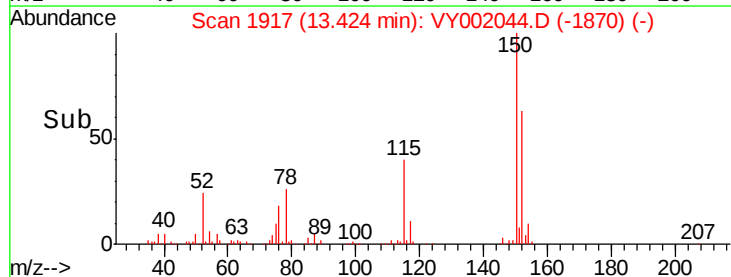
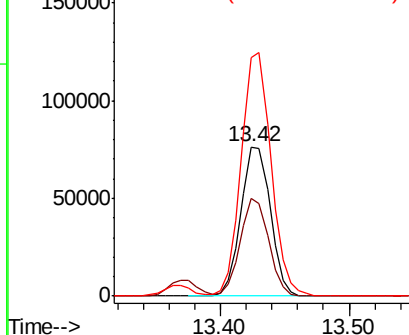
Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion:	152	Resp:	120536
Ion Ratio	Lower	Upper	
152	100		
115	63.2	29.9	89.7
150	166.0	0.0	340.6



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





#73

Isopropylbenzene

Concen: 21.373 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 105 Resp: 196666

Ion Ratio Lower Upper

105 100

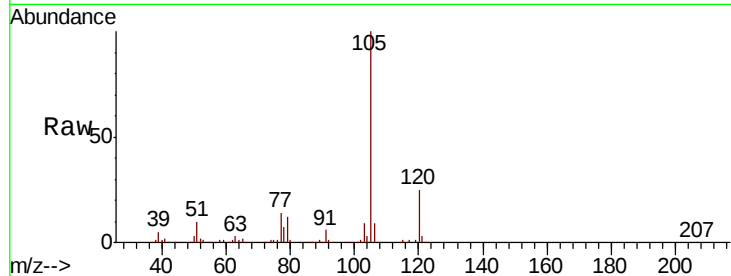
120 26.6 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

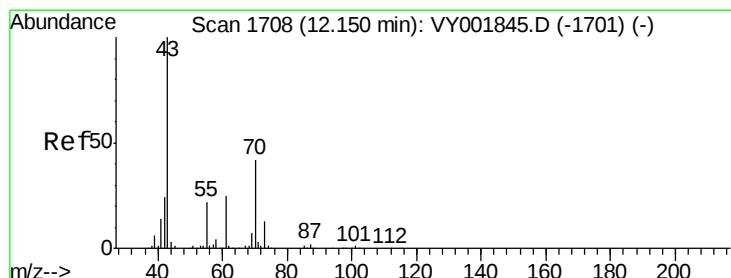
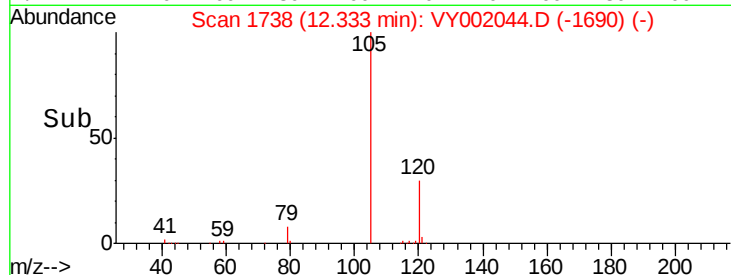
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 22.483 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion: 43 Resp: 63581

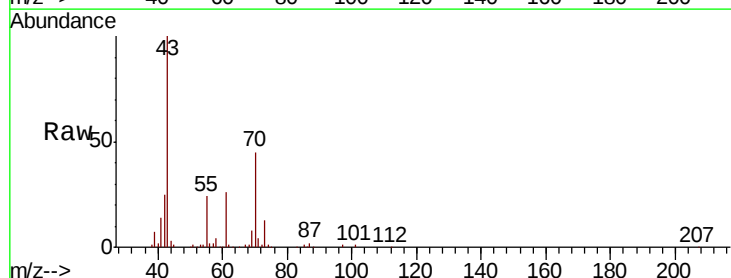
Ion Ratio Lower Upper

43 100

70 43.4 34.7 52.1

55 24.1 18.2 27.4

61 25.3 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

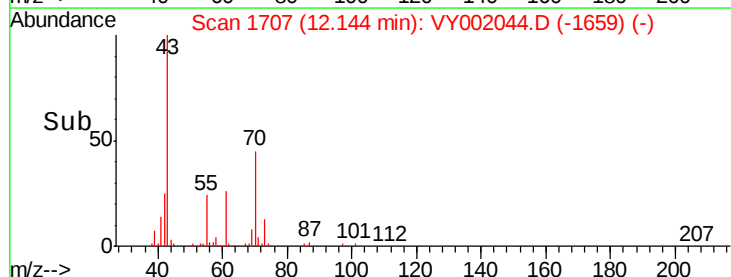
60000

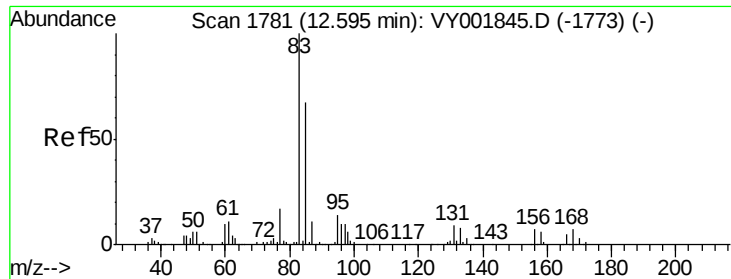
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.392 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

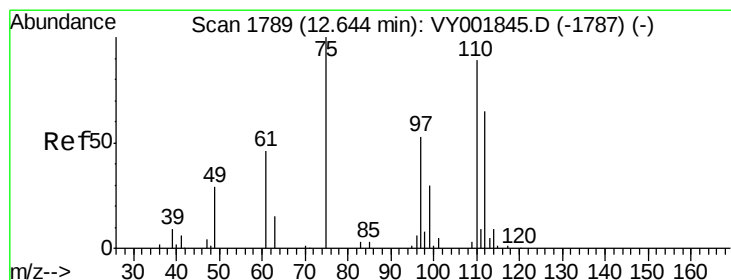
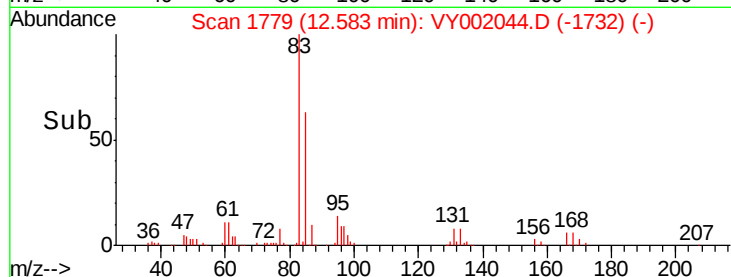
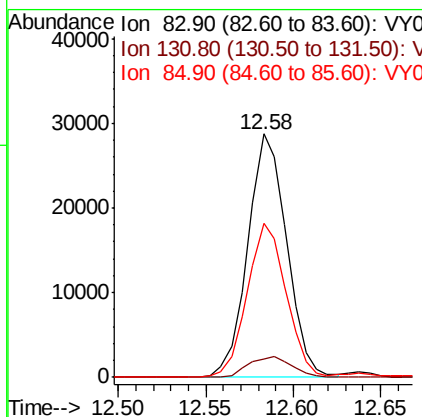
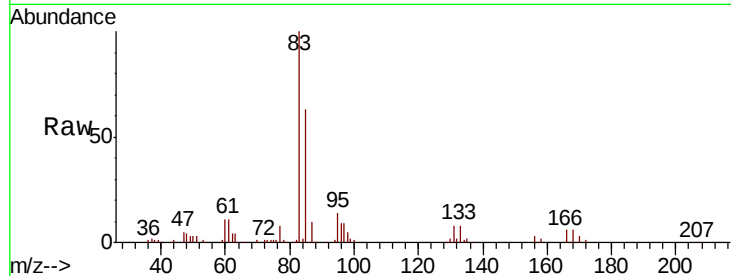
ClientSampleId :

VY0324SBS01

Tot Ion:	83	Resp:	44431
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.6	13.8
85	63.4	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 23.319 ug/l m

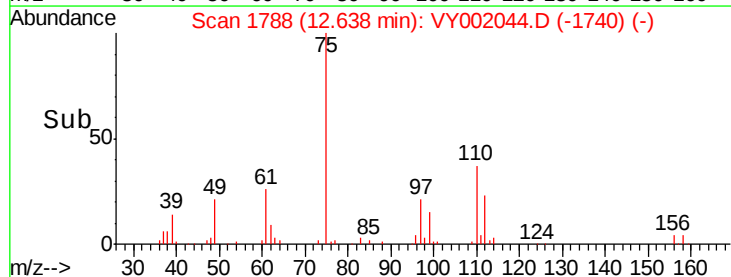
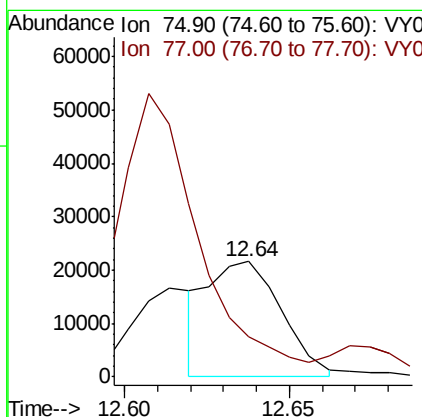
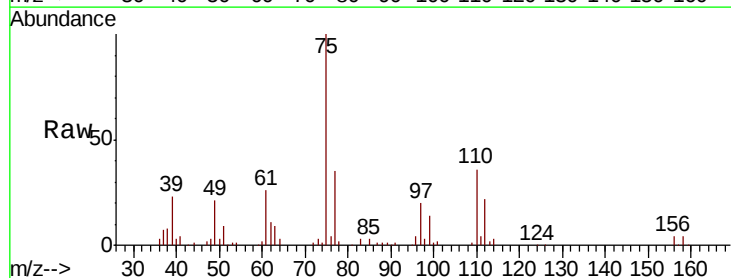
RT: 12.64 min Scan# 1788

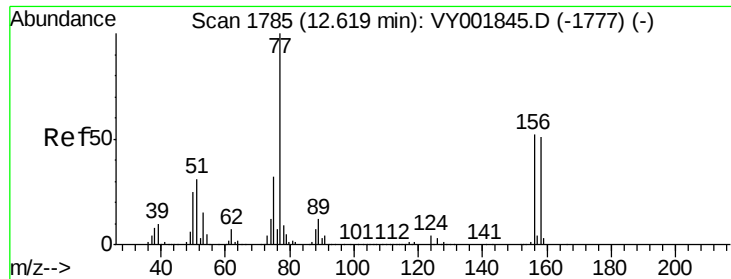
Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion:	75	Resp:	33352
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.789 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion:156 Resp: 42477

Ion Ratio Lower Upper

156 100

77 218.2 109.0 327.0

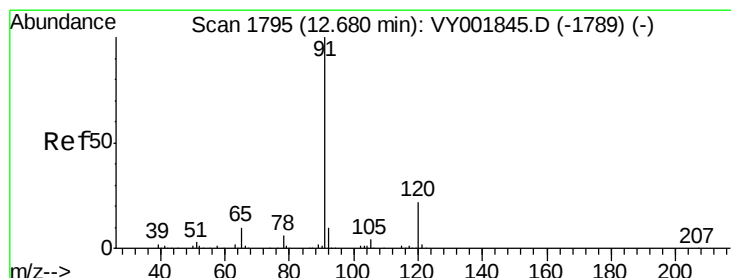
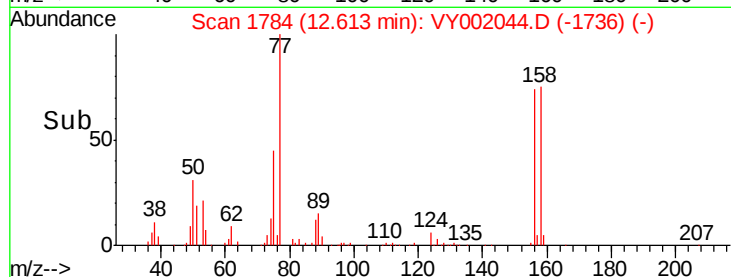
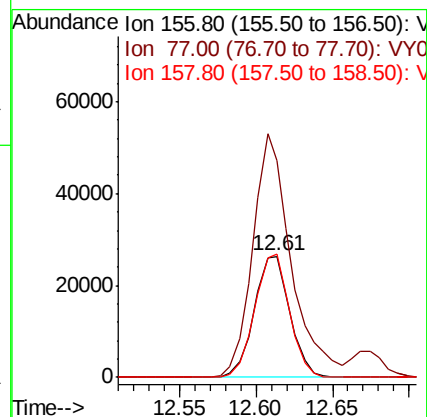
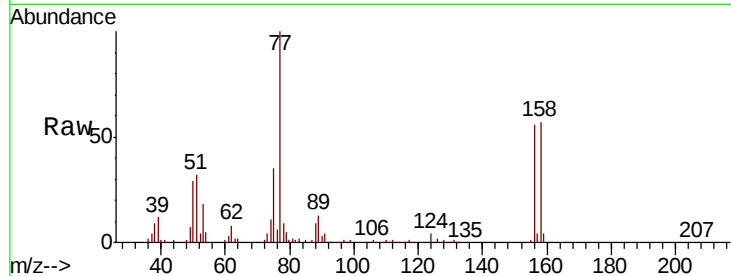
158 99.7 48.9 146.8

Manual Integrations

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#78

n-propylbenzene

Concen: 21.572 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002044.D

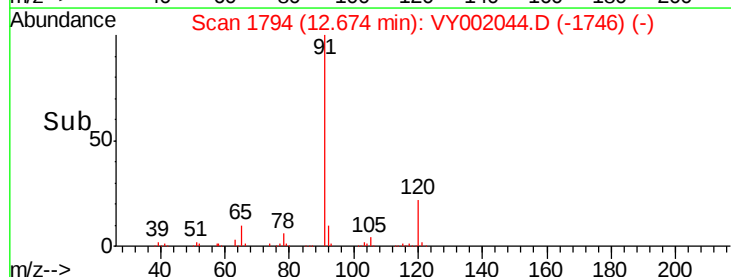
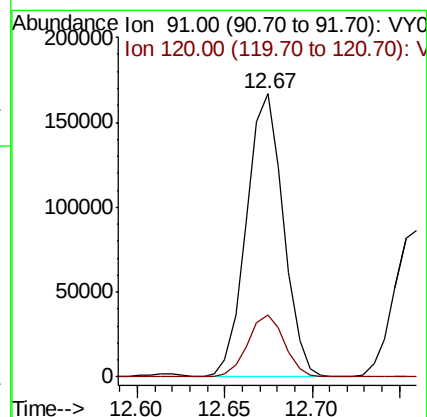
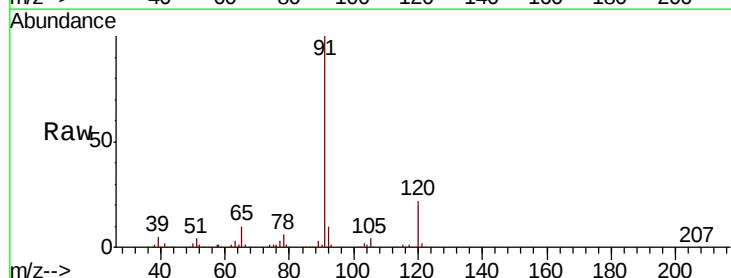
Acq: 24 Mar 2020 12:50

Tgt Ion: 91 Resp: 244885

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 21.590 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 91 Resp: 135405

Ion Ratio Lower Upper

91 100

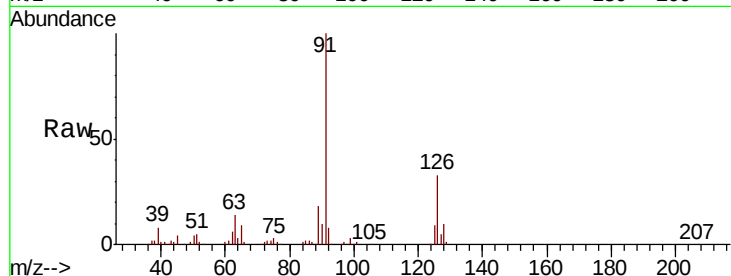
126 32.5 16.3 48.8

Manual Integrations

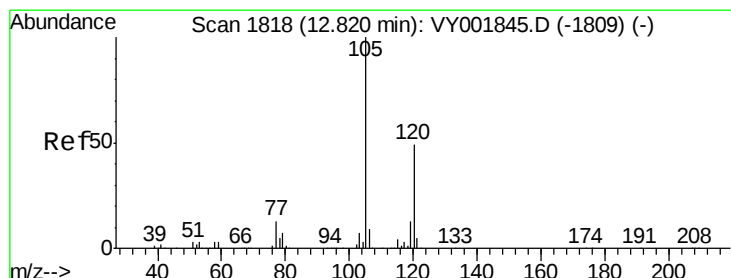
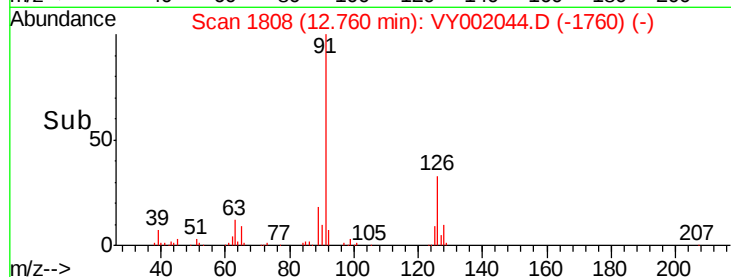
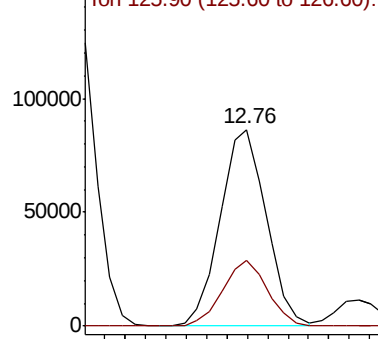
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Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.640 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002044.D

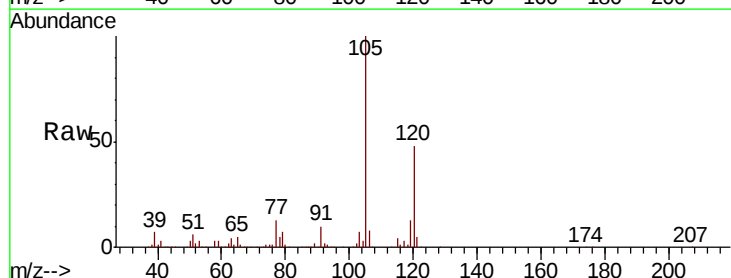
Acq: 24 Mar 2020 12:50

Tgt Ion: 105 Resp: 163923

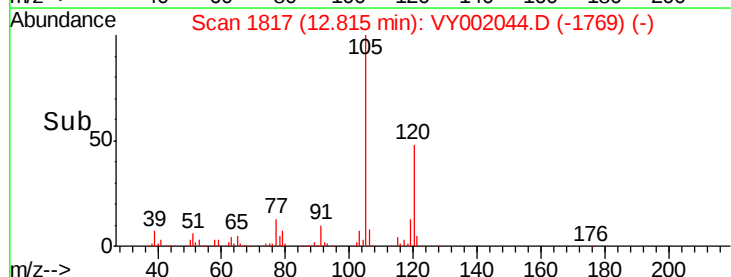
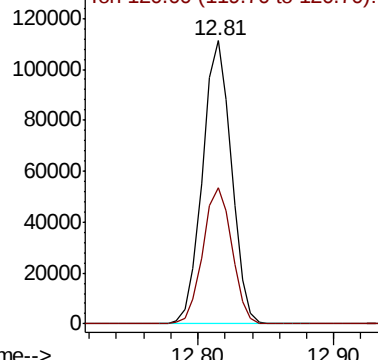
Ion Ratio Lower Upper

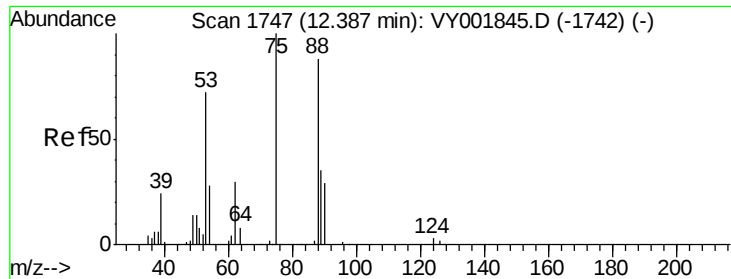
105 100

120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.724 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

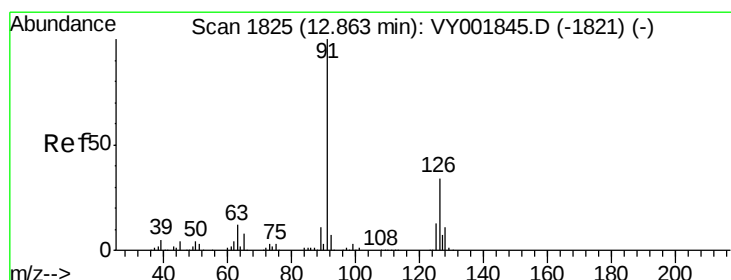
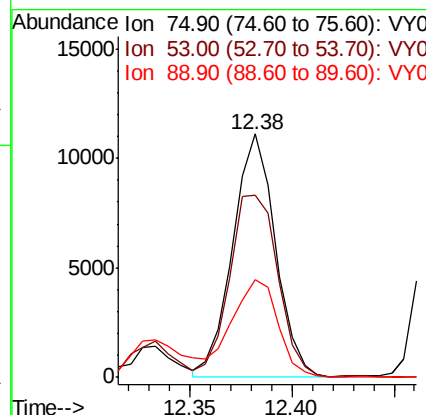
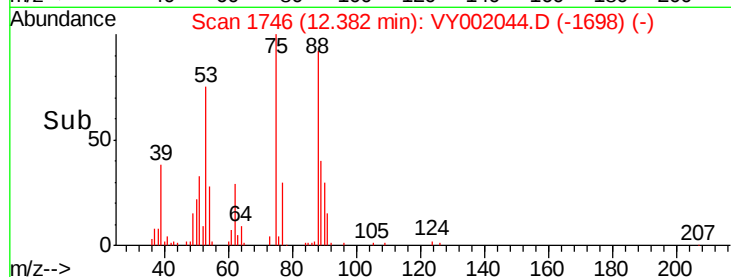
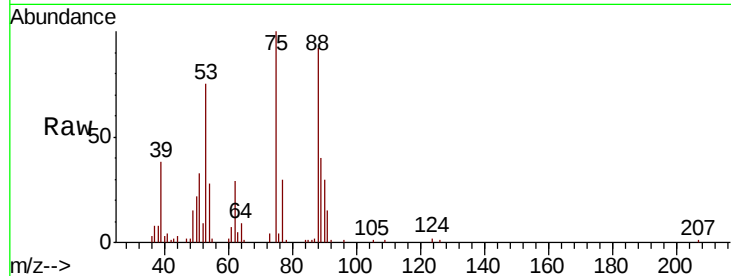
ClientSampleId :

VY0324SBS01

Tot Ion:	75	Resp:	16090
Ion	Ratio	Lower	Upper
75	100		
53	84.2	65.4	98.0
89	43.3	36.0	54.0

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#82

4-Chlorotoluene

Concen: 21.946 ug/l

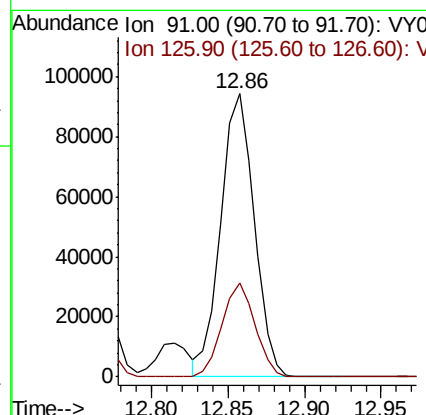
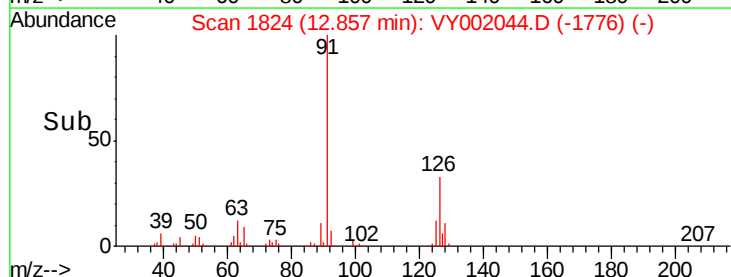
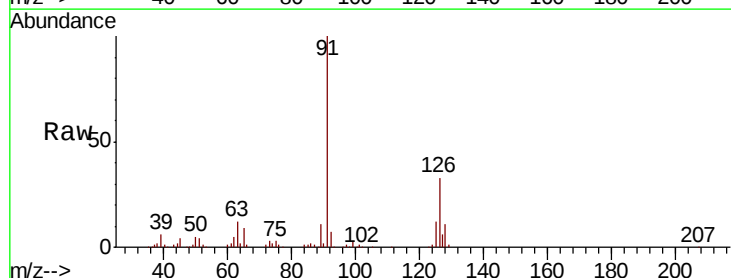
RT: 12.86 min Scan# 1824

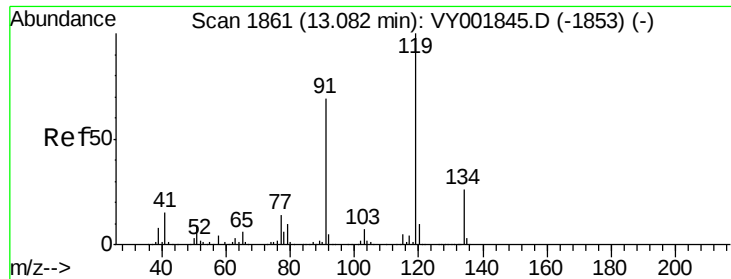
Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion:	91	Resp:	143310
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.2





#83

tert-Butylbenzene

Concen: 21.845 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

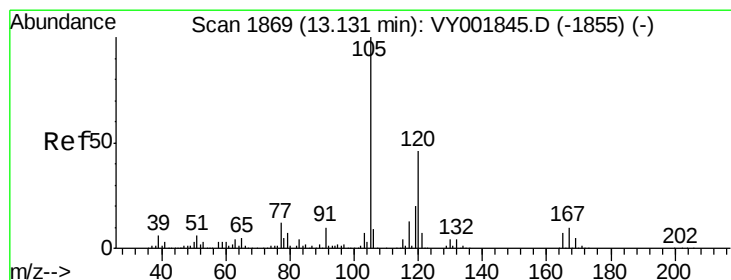
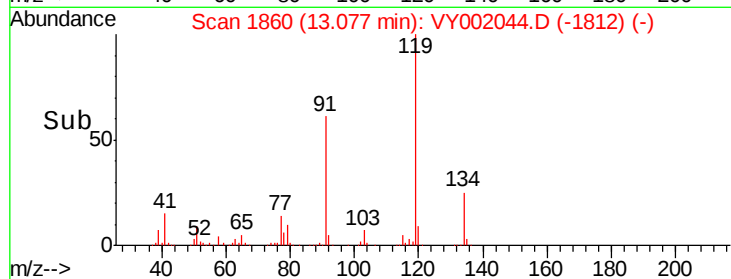
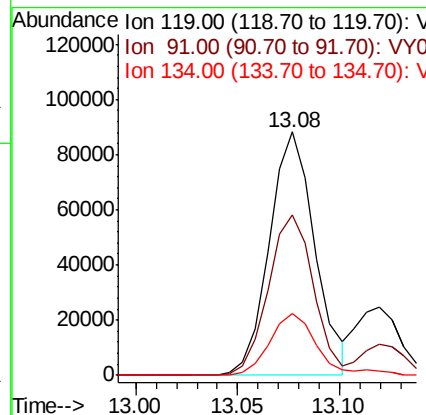
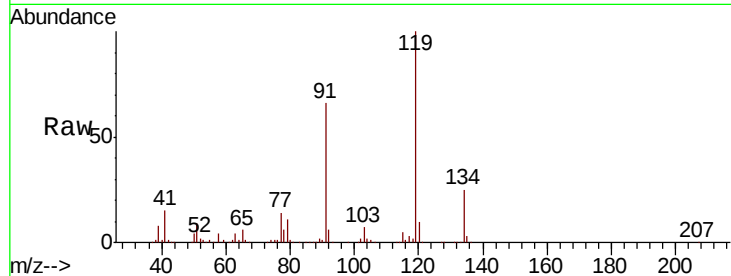
ClientSampleId :

VY0324SBS01

Tot Ion:	119	Resp:	137440
Ion Ratio	Lower	Upper	
119	100		
91	65.2	34.0	101.8
134	26.7	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 22.249 ug/l

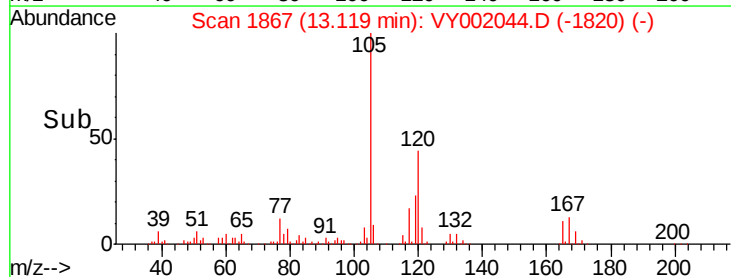
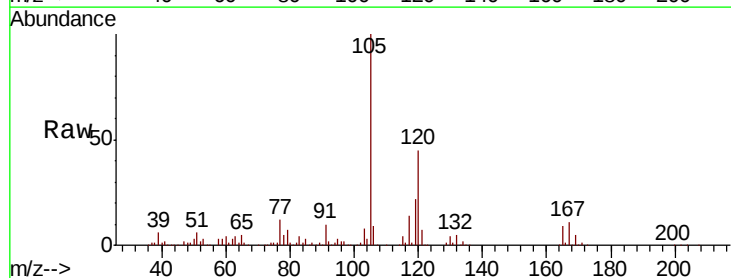
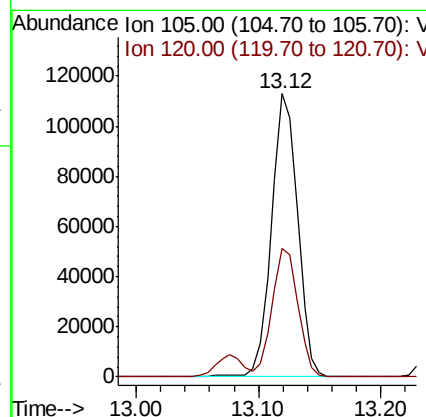
RT: 13.12 min Scan# 1867

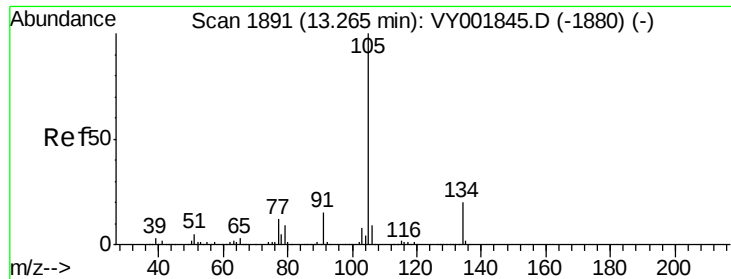
Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion:	105	Resp:	167255
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.7





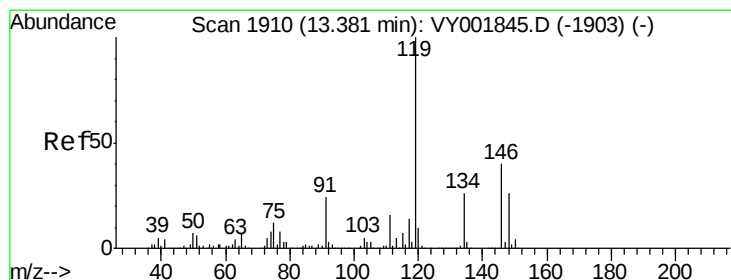
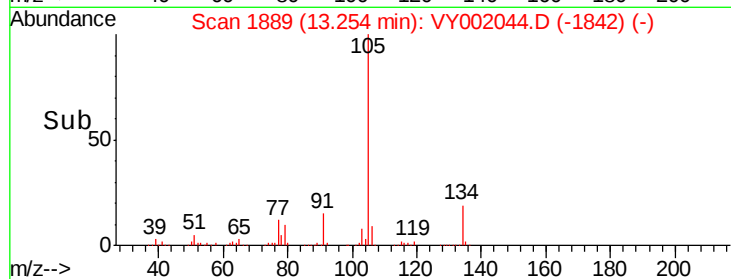
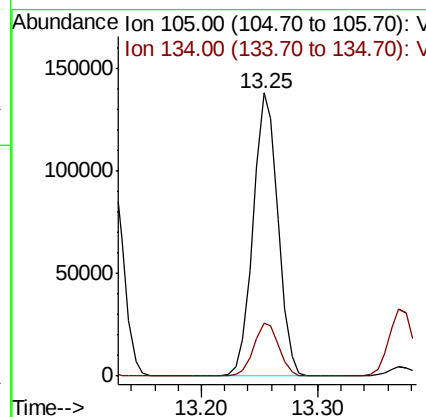
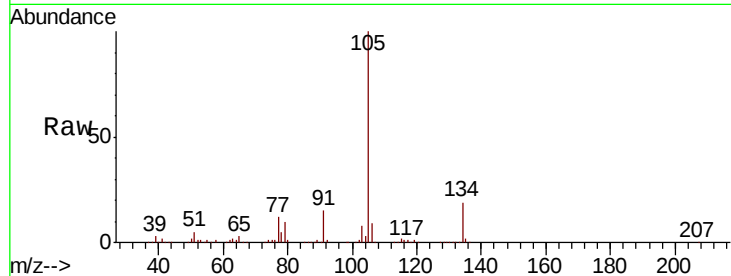
#85
 sec-Butylbenzene
 Concen: 22.171 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.7	29.1

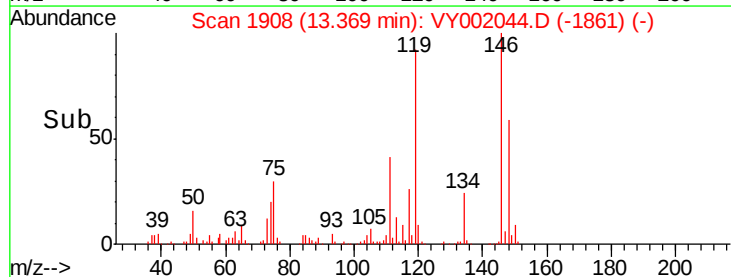
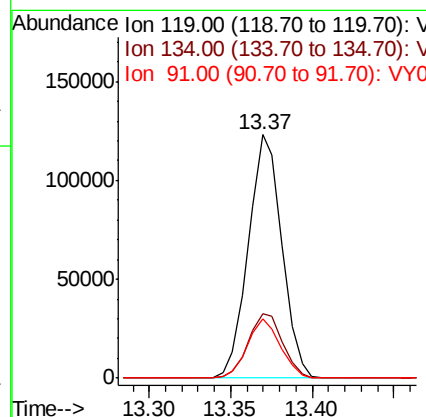
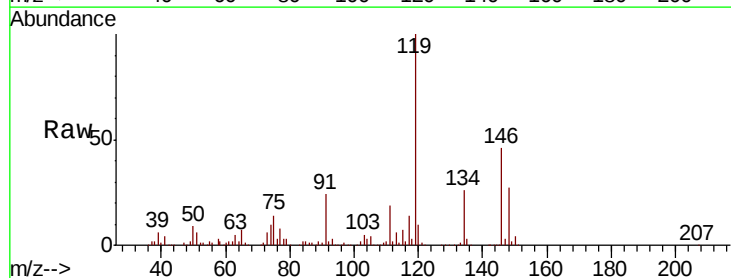
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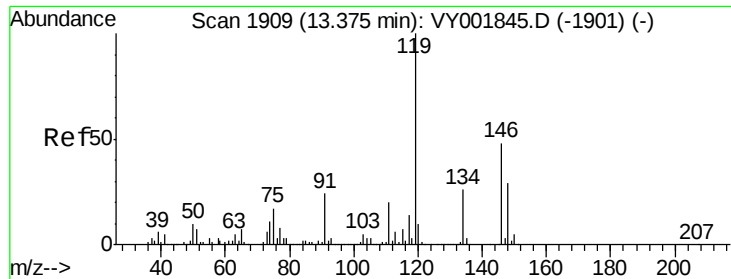
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#86
 p-Isopropyltoluene
 Concen: 22.085 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.1	39.3
91	23.9	11.9	35.7





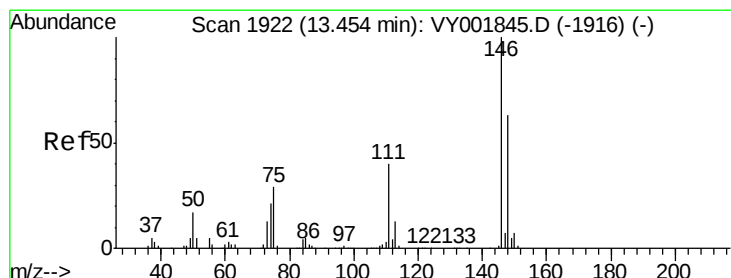
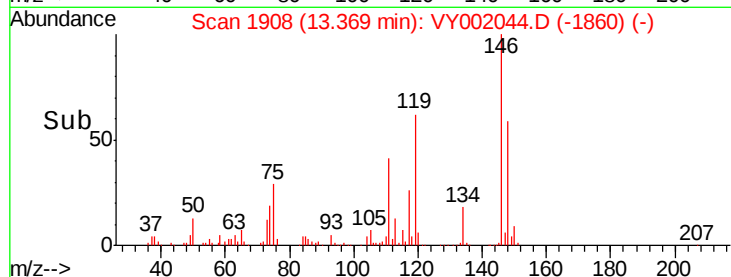
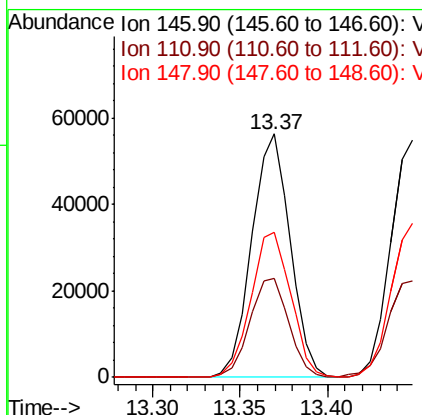
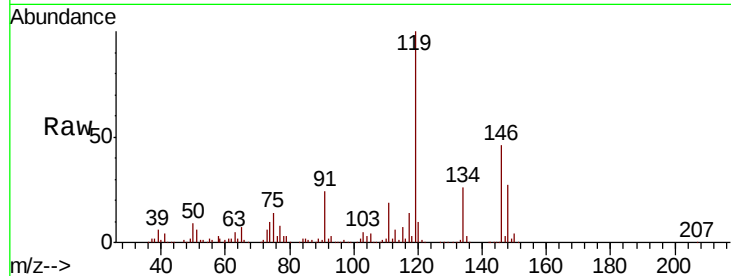
#87
 1,3-Dichlorobenzene
 Concen: 22.549 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.5
148	61.6	31.4	94.0

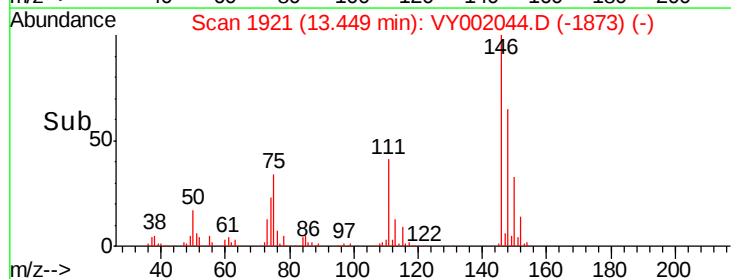
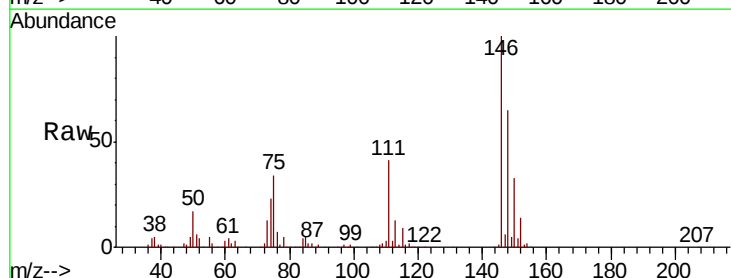
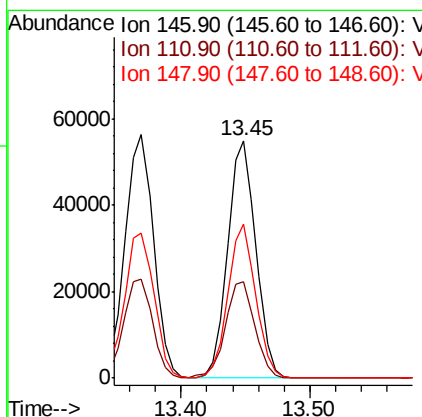
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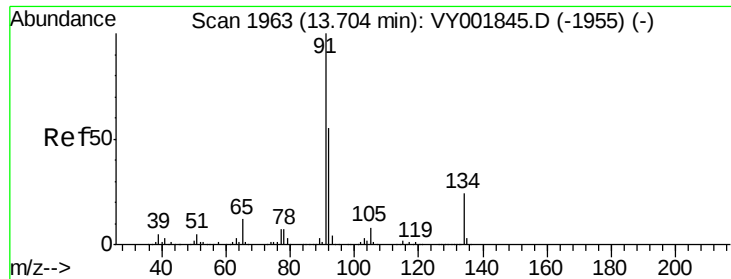
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#88
 1,4-Dichlorobenzene
 Concen: 21.682 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.0	60.0
148	63.8	31.5	94.5





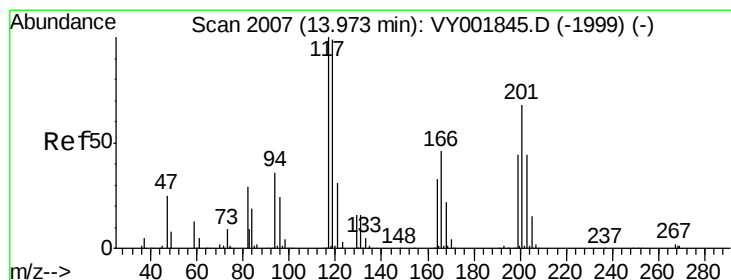
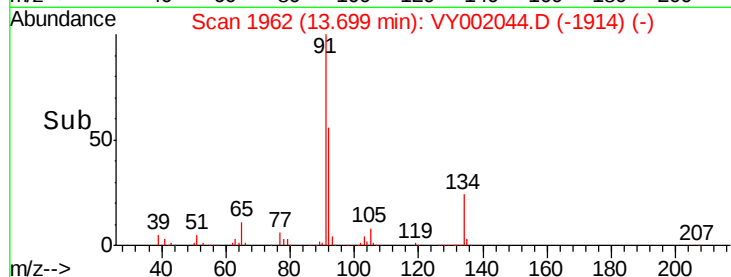
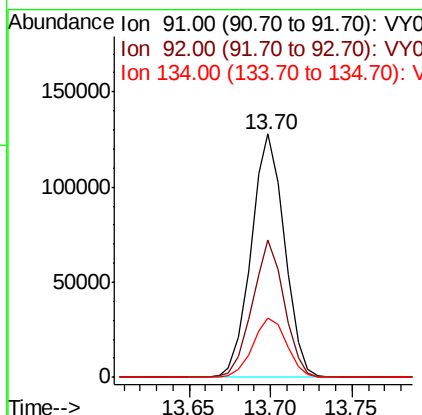
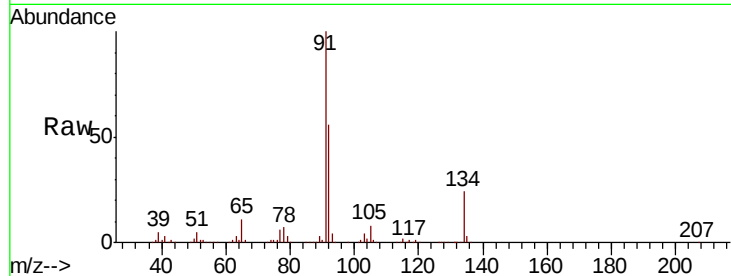
#89
n-Butylbenzene
Concen: 21.959 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	182253		
92	53.9		27.5	82.4
134	24.5		12.5	37.5

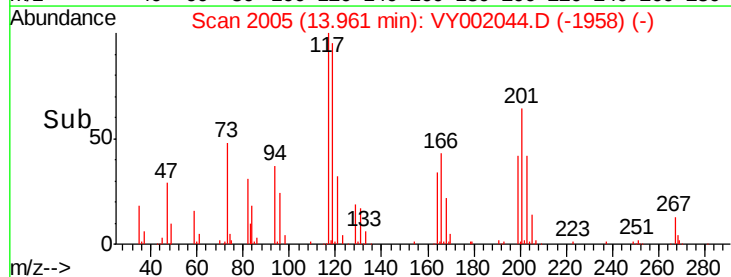
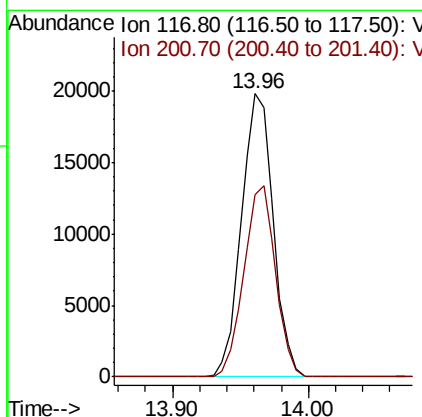
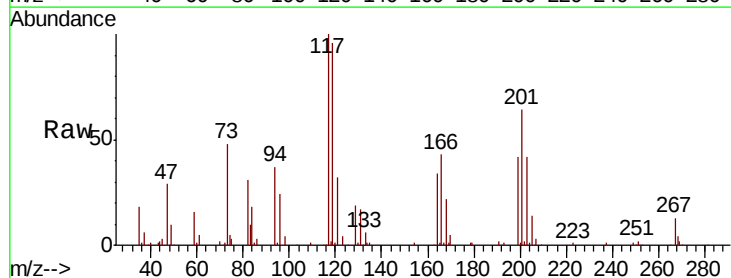
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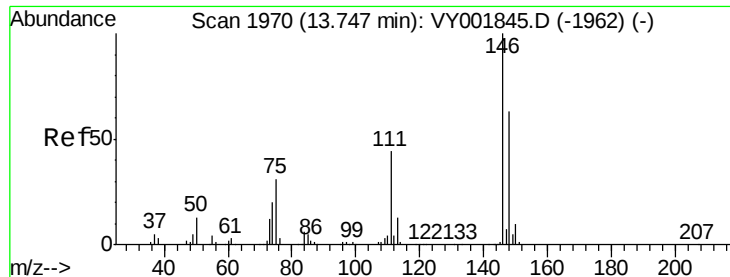
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#90
Hexachloroethane
Concen: 21.455 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32380		
201	67.1		32.5	97.5





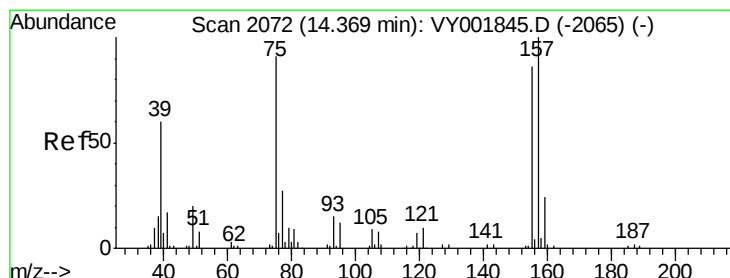
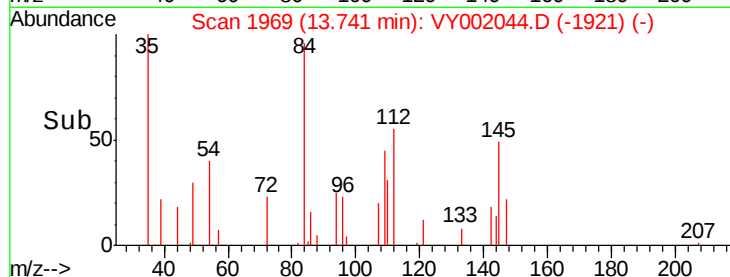
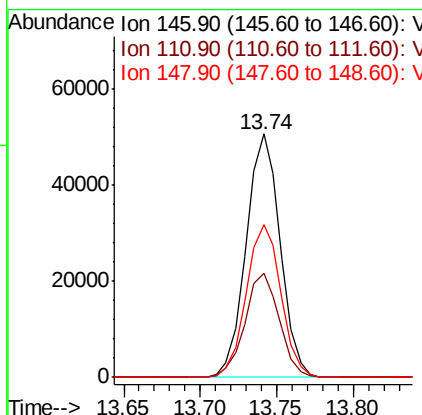
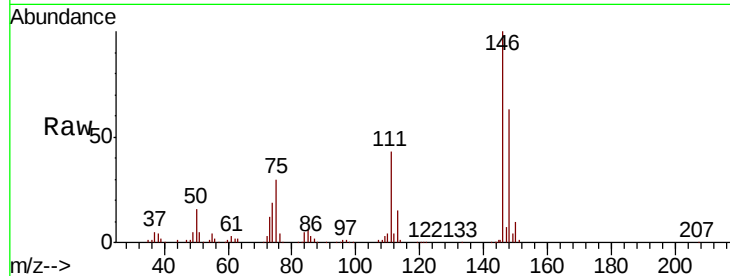
#91
1,2-Dichlorobenzene
Concen: 22.496 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	64.2	32.0	96.0

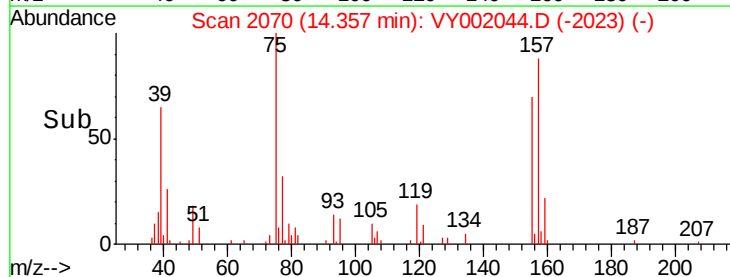
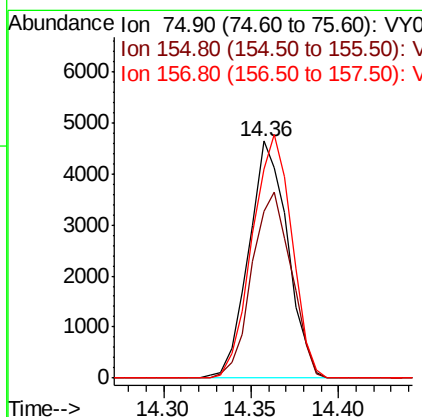
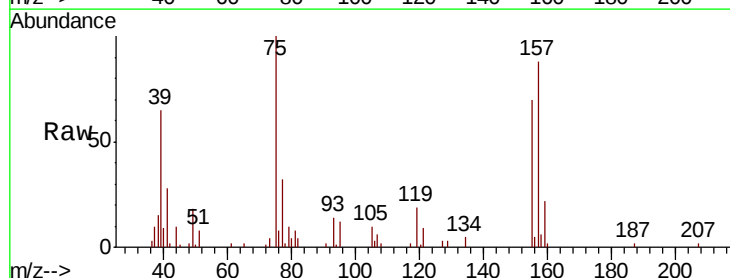
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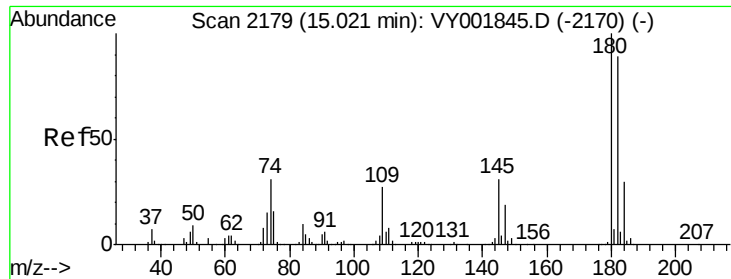
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#92
1,2-Dibromo-3-Chloropropane
Concen: 23.163 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.8	42.9	128.7
157	104.7	53.1	159.4





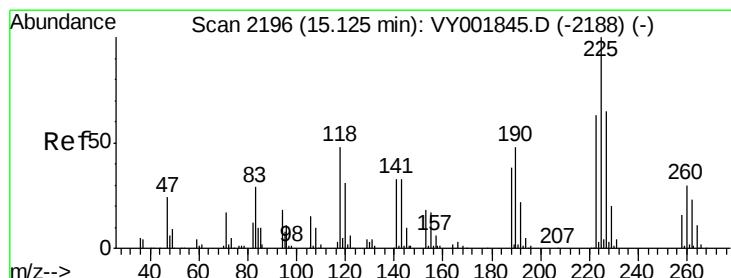
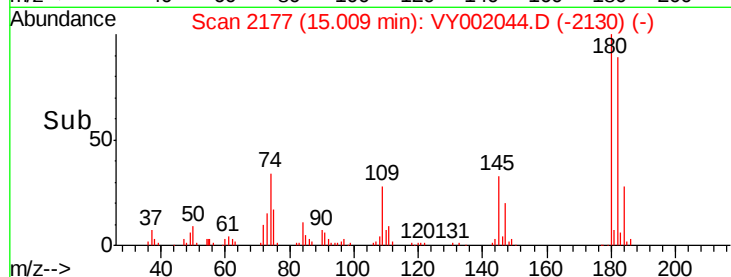
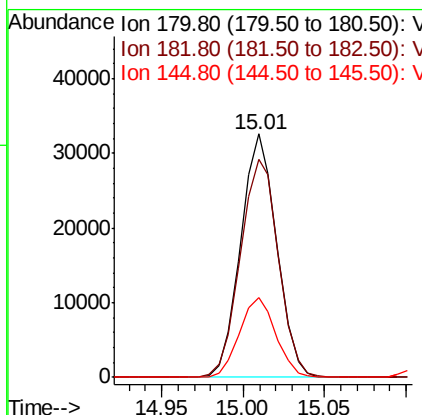
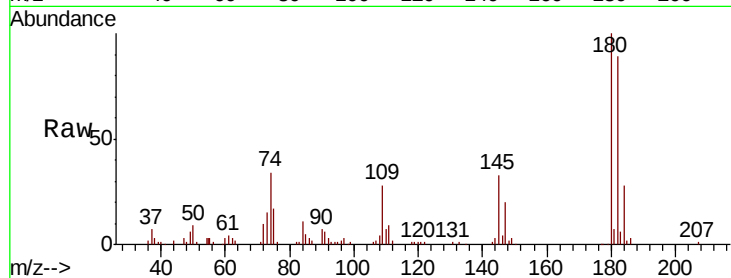
#93
1,2,4-Trichlorobenzene
Concen: 22.287 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.1	138.3
145	33.3	15.6	46.8

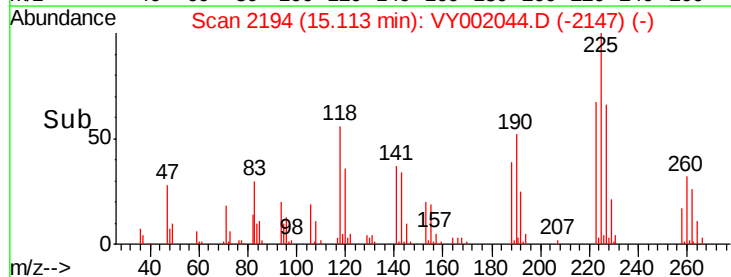
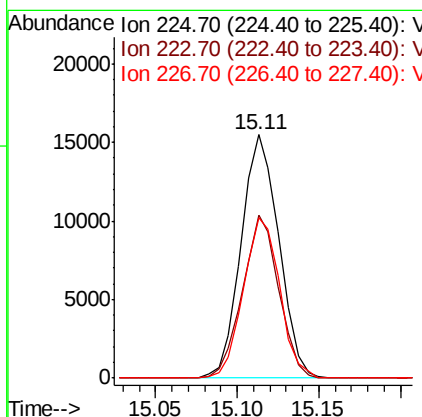
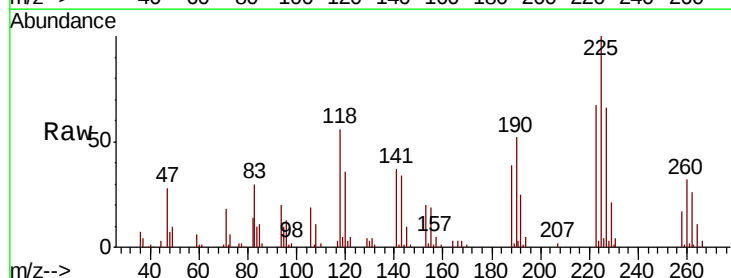
Manual Integrations
APPROVED

apatel
3/25/2020 10:38:00 AM



#94
Hexachlorobutadiene
Concen: 22.687 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.5	94.5
227	63.8	31.9	95.5





#95

Naphthalene

Concen: 22.324 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

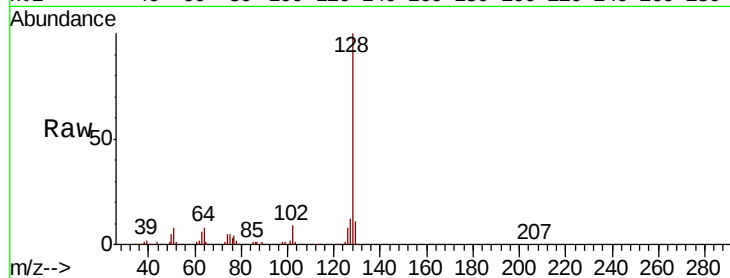
ClientSampleId :

VY0324SBS01

Tot Ion:	128	Resp:	119182
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.1	15.1
129	11.2	8.6	13.0

Manual Integrations
APPROVED

apatel
3/25/2020 10:38:00 AM

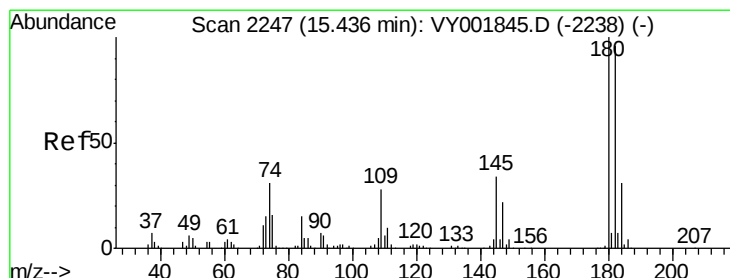
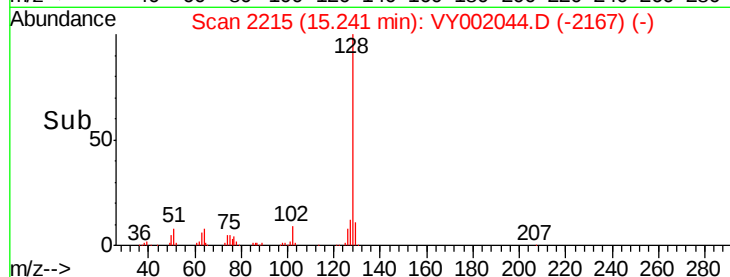
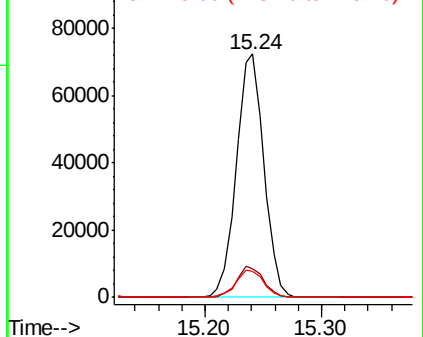


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.786 ug/l

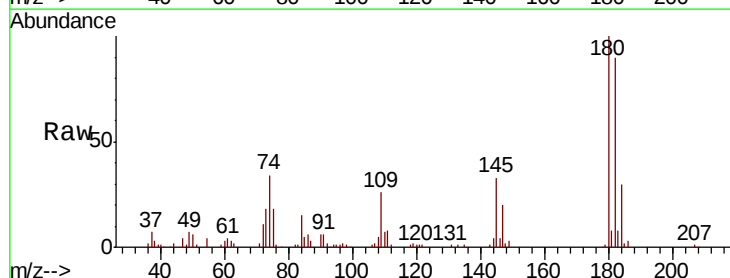
RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion:	180	Resp:	45179
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.6	142.9
145	33.8	16.8	50.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

