

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002193.D
 Acq On : 02 Apr 2020 15:37
 Operator : SY/MD
 Sample : L2135-06MSD
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)MSD

Manual Integrations
 APPROVED

MMDadoda
 4/6/2020 11:28:29 AM

Quant Time: Apr 03 04:15:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	146523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	272540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	243500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	80953	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	7.74	113	76405	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.19	98	316949	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.49	95	110517	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	42120	43.794	ug/l	99
3) Chloromethane	2.12	50	73507	42.928	ug/l	98
4) Vinyl Chloride	2.26	62	79347	45.563	ug/l	99
5) Bromomethane	2.66	94	53477	47.054	ug/l	97
6) Chloroethane	2.80	64	52762	47.184	ug/l	94
7) Trichlorofluoromethane	3.14	101	112868	47.295	ug/l	95
8) Diethyl Ether	3.54	74	46700	46.201	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	73295	46.812	ug/l	99
10) Methyl Iodide	4.11	142	91009	48.882	ug/l	100
11) Tert butyl alcohol	4.99	59	31488	164.962	ug/l	99
12) 1,1-Dichloroethene	3.89	96	76965	48.409	ug/l	97
13) Acrolein	3.75	56	56359	236.235	ug/l	100
14) Allyl chloride	4.50	41	142346	48.907	ug/l	99
15) Acrylonitrile	5.19	53	114602	216.314	ug/l	99
16) Acetone	3.96	43	90288	198.403	ug/l	98
17) Carbon Disulfide	4.21	76	248838	47.161	ug/l	99
18) Methyl Acetate	4.50	43	55915	47.317	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	209571	47.251	ug/l	97
20) Methylene Chloride	4.74	84	93623	49.656	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	88732	49.017	ug/l	94
22) Diisopropyl ether	6.14	45	293442	49.265	ug/l	96
23) Vinyl Acetate	6.08	43	866084	221.740	ug/l	98
24) 1,1-Dichloroethane	6.04	63	157108	49.608	ug/l	98
25) 2-Butanone	7.00	43	145185	207.773	ug/l	100
26) 2,2-Dichloropropane	7.00	77	125840	48.246	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	98727	49.574	ug/l	100
28) Bromochloromethane	7.35	49	73903	51.114	ug/l	99
29) Tetrahydrofuran	7.36	42	95638	208.754	ug/l	99
30) Chloroform	7.52	83	149546	49.818	ug/l	99
31) Cyclohexane	7.80	56	156626	46.413	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	126087	50.307	ug/l	99
36) 1,1-Dichloropropene	7.93	75	124452	48.278	ug/l	99
37) Ethyl Acetate	7.09	43	65341	41.944	ug/l	99
38) Carbon Tetrachloride	7.91	117	108606	49.658	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	158855	46.980	ug/l	98
40) Benzene	8.18	78	373680	48.937	ug/l	98
41) Methacrylonitrile	7.33	41	29895m	37.939	ug/l	
42) 1,2-Dichloroethane	8.25	62	94822	46.773	ug/l	100
43) Isopropyl Acetate	8.28	43	125557	43.425	ug/l	98
44) Trichloroethene	8.95	130	88423	48.039	ug/l	90
45) 1,2-Dichloropropane	9.23	63	94458	48.583	ug/l	100
46) Dibromomethane	9.32	93	45835	45.904	ug/l	99
47) Bromodichloromethane	9.50	83	114906	49.434	ug/l	97
48) Methyl methacrylate	9.30	41	56347	43.488	ug/l	97
49) 1,4-Dioxane	9.31	88	12007	876.308	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	322788	216.809	ug/l	100
52) Toluene	10.25	92	226436	49.029	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	122925	47.646	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	147155	48.445	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	68438	46.310	ug/l	99
56) Ethyl methacrylate	10.52	69	97881	45.347	ug/l	98
57) 1,3-Dichloropropane	10.80	76	122496	46.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	281094	253.442	ug/l	100
59) 2-Hexanone	10.84	43	223608	213.215	ug/l	98
60) Dibromochloromethane	10.99	129	73670	47.639	ug/l	99
61) 1,2-Dibromoethane	11.10	107	64299	46.485	ug/l	99
64) Tetrachloroethene	10.72	164	75072	50.391	ug/l	99
65) Chlorobenzene	11.52	112	231236	49.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	77227	49.111	ug/l	99
67) Ethyl Benzene	11.60	91	434287	49.748	ug/l	98
68) m/p-Xylenes	11.70	106	321529	99.615	ug/l	100
69) o-Xylene	12.03	106	150558	49.172	ug/l	100
70) Styrene	12.05	104	263509	49.666	ug/l	99
71) Bromoform	12.21	173	40000	46.443	ug/l #	97
73) Isopropylbenzene	12.33	105	409052	49.303	ug/l	99
74) N-amyl acetate	12.15	43	115283	44.056	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	80089	44.859	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	54824m	43.821	ug/l	
77) Bromobenzene	12.61	156	86849	49.036	ug/l	98
78) n-propylbenzene	12.67	91	501555	48.713	ug/l	100
79) 2-Chlorotoluene	12.76	91	280210	49.567	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	339065	49.534	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	28304	43.830	ug/l	97
82) 4-Chlorotoluene	12.86	91	287996	48.345	ug/l	99
83) tert-Butylbenzene	13.08	119	286621	50.164	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	338832	49.613	ug/l	97
85) sec-Butylbenzene	13.26	105	416386	49.201	ug/l	100
86) p-Isopropyltoluene	13.38	119	357363	49.173	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	167994	48.486	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	168816	48.419	ug/l	100
89) n-Butylbenzene	13.70	91	363411	47.993	ug/l	99
90) Hexachloroethane	13.97	117	69498	50.750	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	153452	47.958	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12244	42.814	ug/l	99

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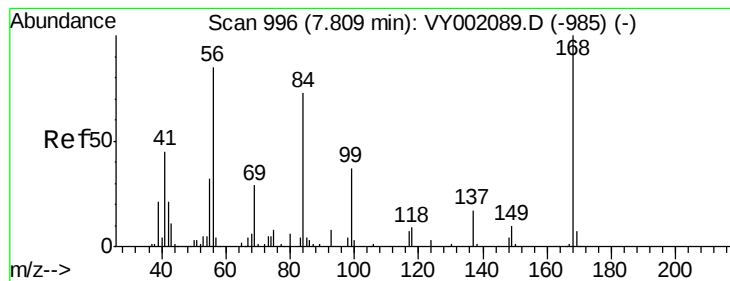
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	97605	47.327	ug/l	97
94) Hexachlorobutadiene	15.12	225	47910	47.062	ug/l	99
95) Naphthalene	15.24	128	219952	44.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	85064	45.484	ug/l	99

(#) = 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. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:168 Resp: 146523

Ion Ratio Lower Upper

168 100

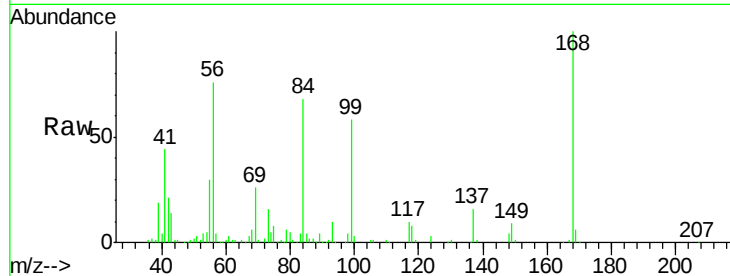
99 57.7 47.6 71.4

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Abundance Ion 167.90 (167.60 to 168.60): VY002193.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002193.D (-947) (-)

7.81

60000

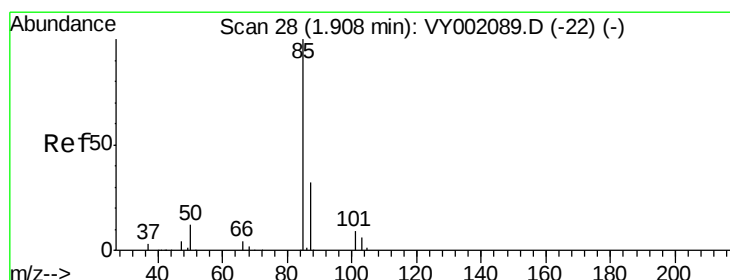
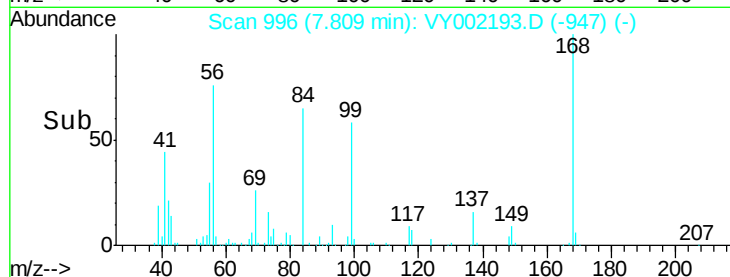
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.794 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002193.D

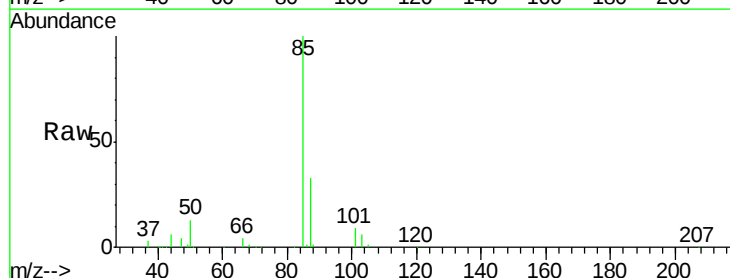
Acq: 02 Apr 2020 15:37

Tgt Ion: 85 Resp: 42120

Ion Ratio Lower Upper

85 100

87 32.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002193.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002193.D (-1) (-)

1.91

30000

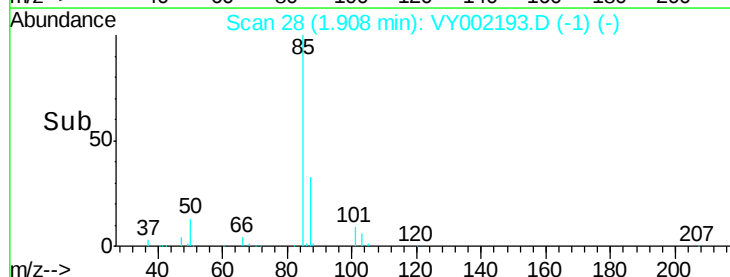
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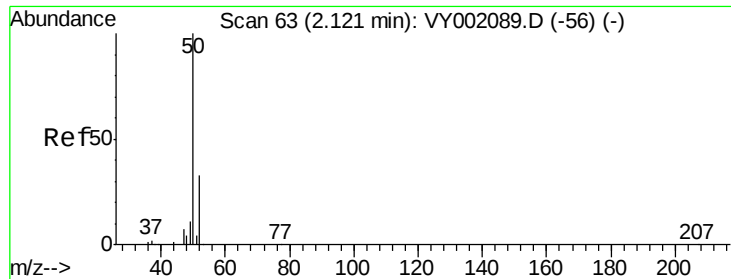
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 42.928 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion: 50 Resp: 73507

Ion Ratio Lower Upper

50 100

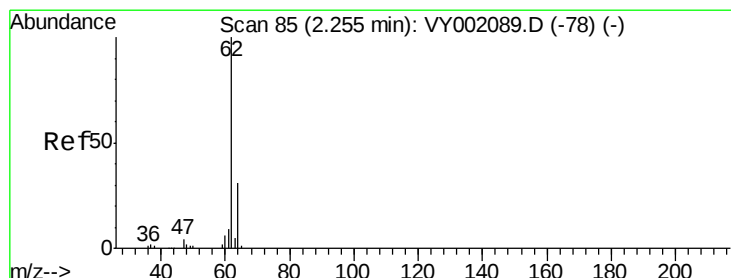
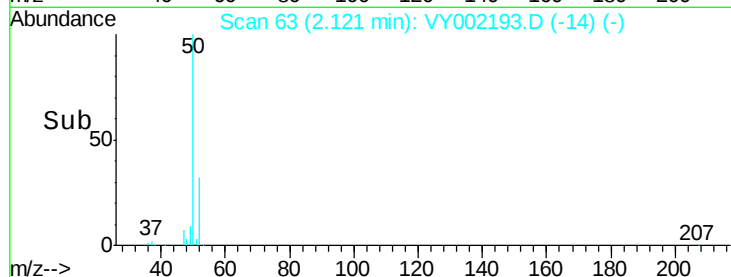
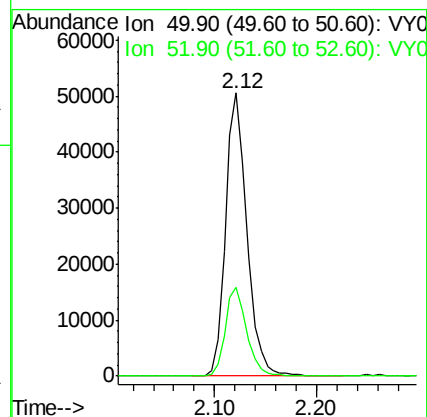
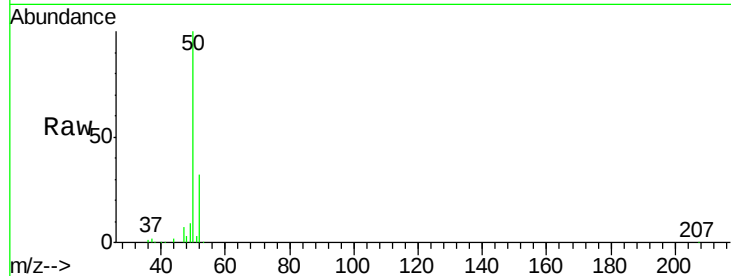
52 31.5 26.1 39.1

Manual Integrations

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4/6/2020 11:28:29 AM



#4

Vinyl Chloride

Concen: 45.563 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002193.D

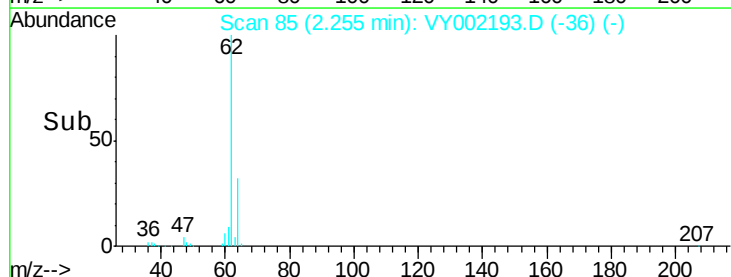
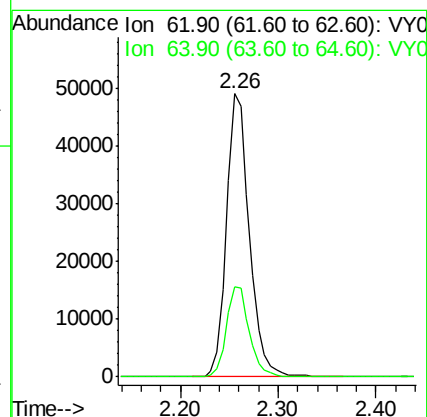
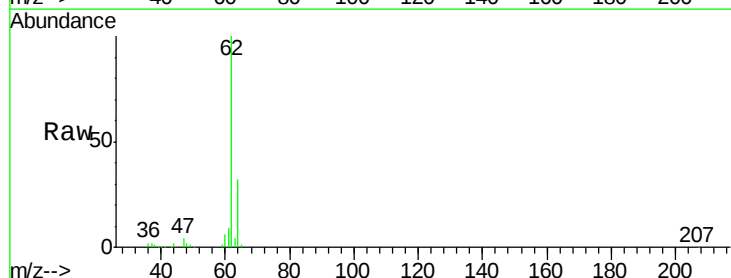
Acq: 02 Apr 2020 15:37

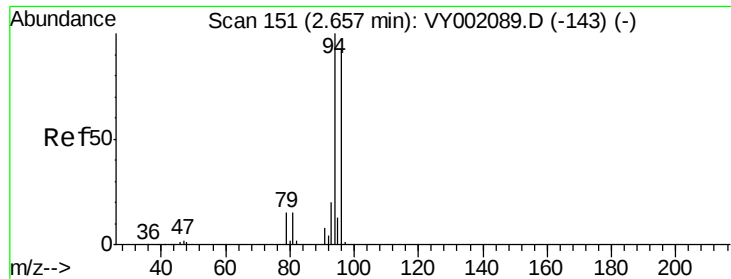
Tgt Ion: 62 Resp: 79347

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 47.054 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

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ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion: 94 Resp: 53477

Ion Ratio Lower Upper

94 100

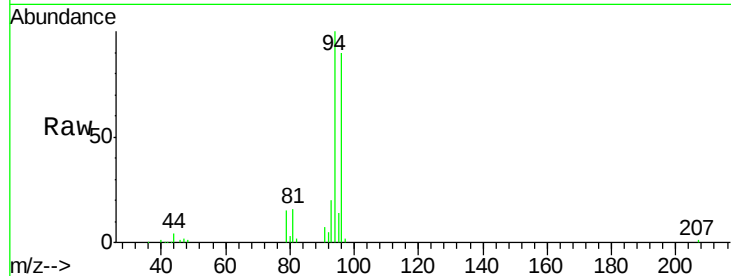
96 89.7 74.1 111.1

Manual Integrations

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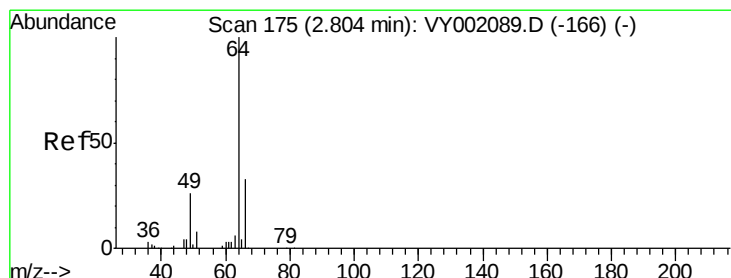
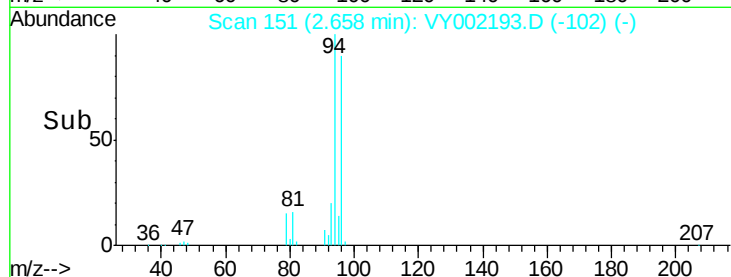


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

Time-->



#6

Chloroethane

Concen: 47.184 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002193.D

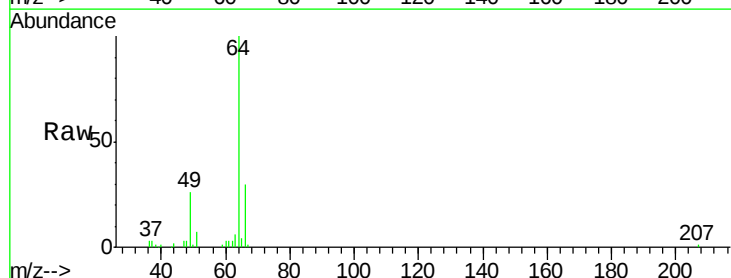
Acq: 02 Apr 2020 15:37

Tgt Ion: 64 Resp: 52762

Ion Ratio Lower Upper

64 100

66 29.9 26.6 39.8

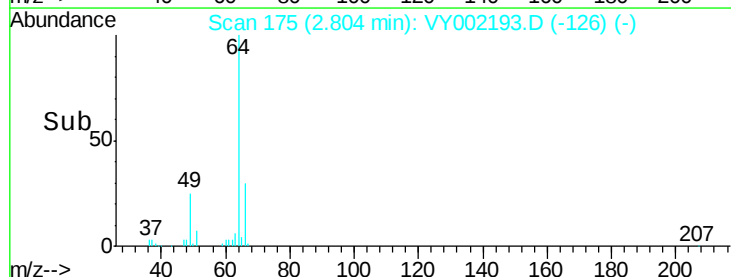


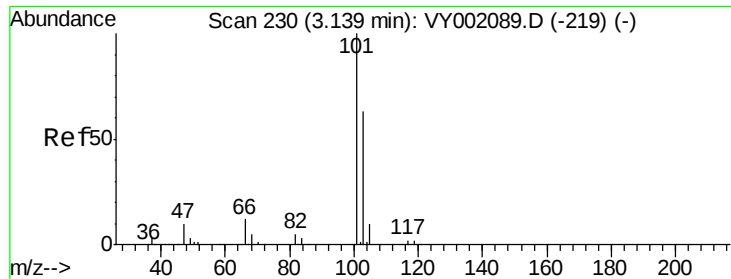
Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

Time-->





#7

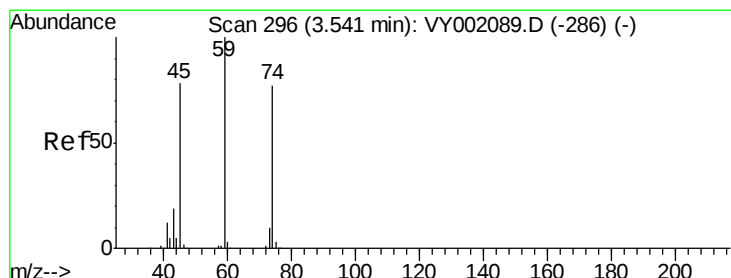
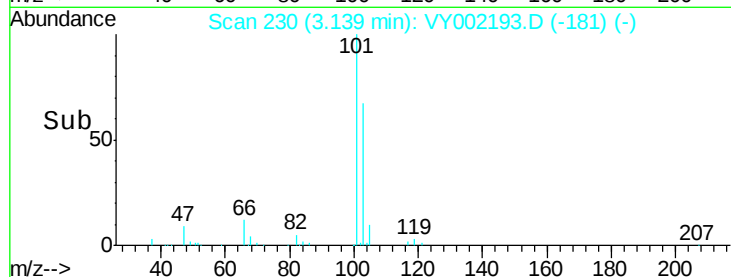
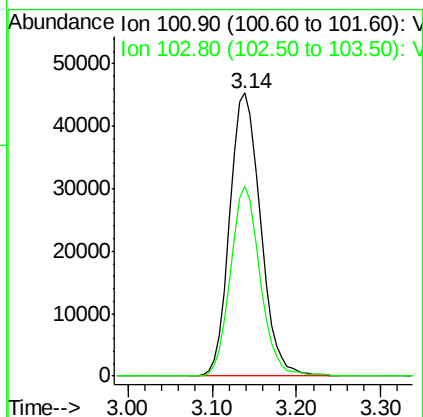
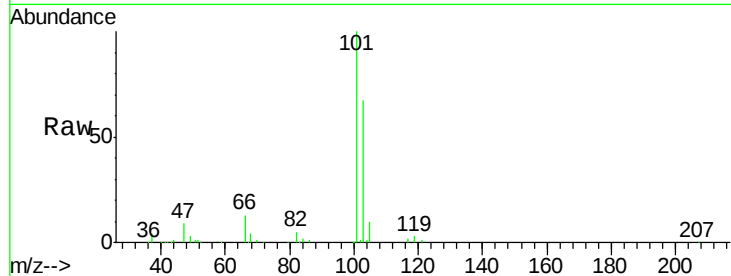
Trichlorofluoromethane
Concen: 47.295 ug/l
RT: 3.14 min Scan# 230
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	50.6	76.0

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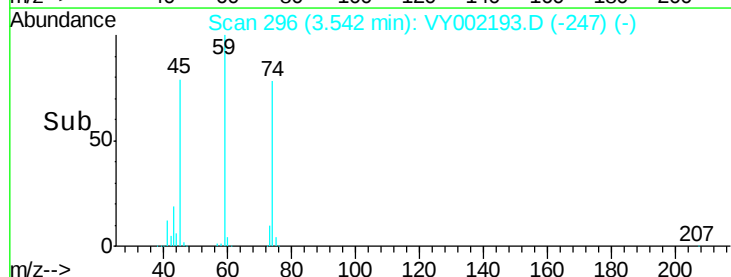
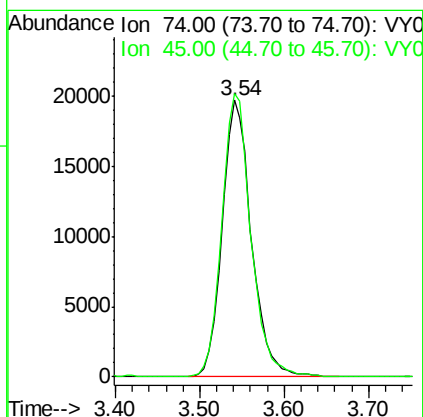
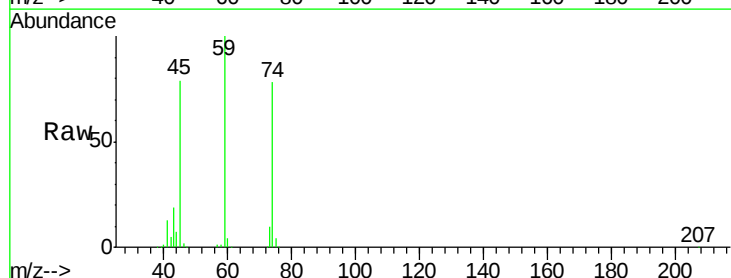
MMDadoda
4/6/2020 11:28:29 AM

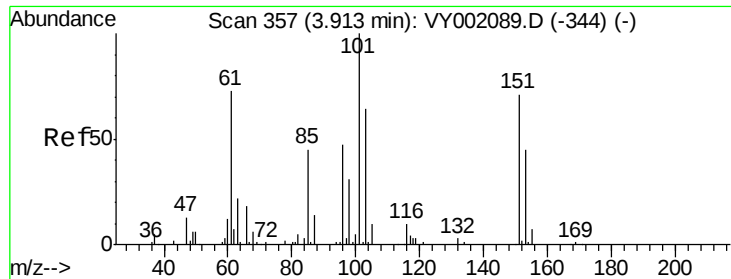


#8

Diethyl Ether
Concen: 46.201 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.812 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

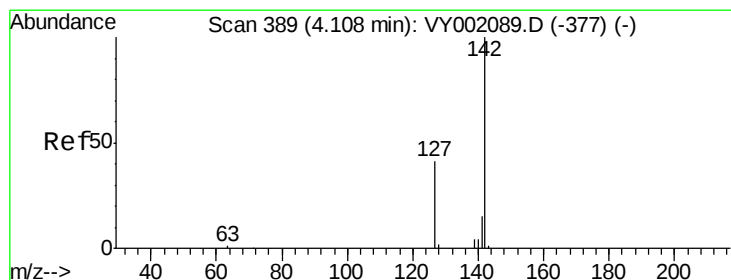
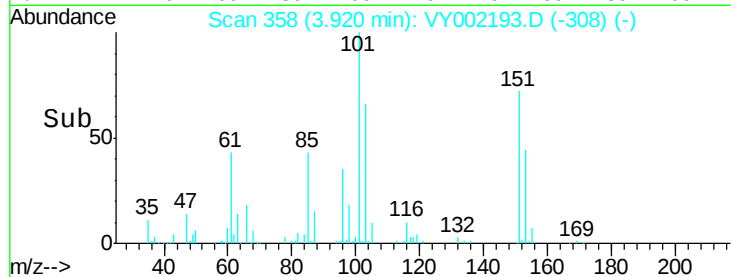
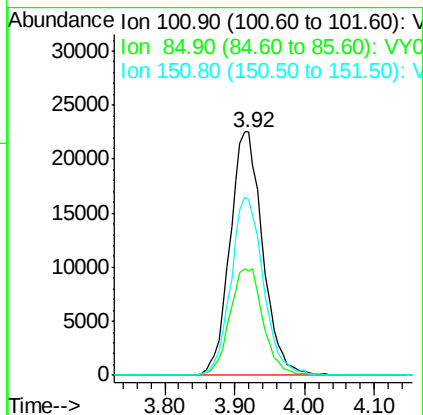
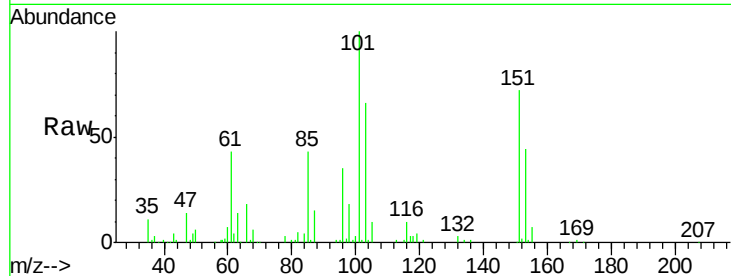
ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:	101	Resp:	73295
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.9	53.9
151	72.6	57.5	86.3

Manual Integrations
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#10

Methyl Iodide

Concen: 48.882 ug/l

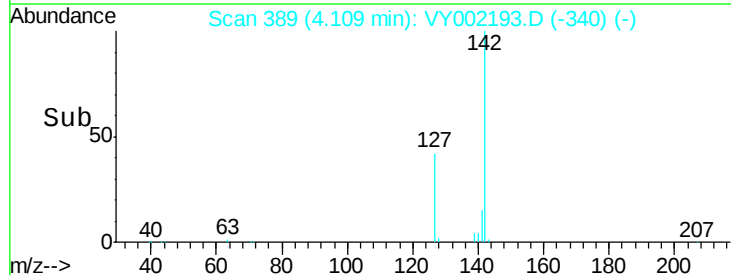
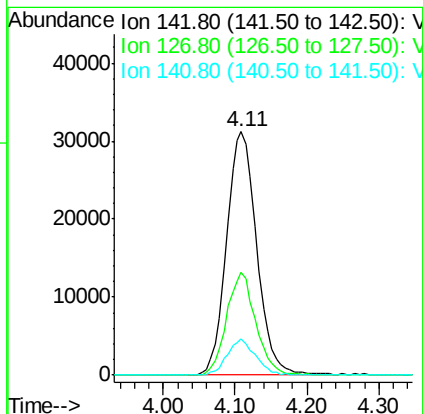
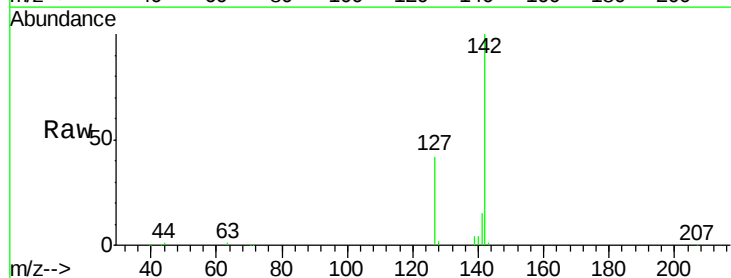
RT: 4.11 min Scan# 389

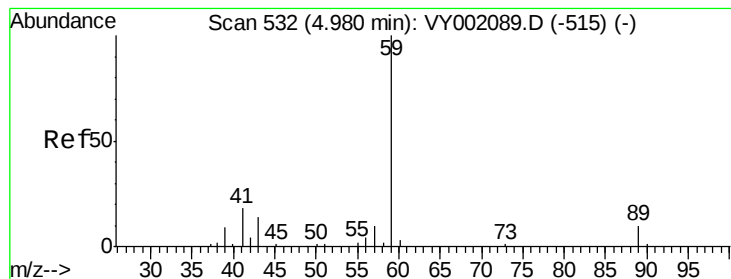
Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion:	142	Resp:	91009
Ion Ratio	Lower	Upper	
142	100		
127	40.9	32.6	49.0
141	13.8	11.4	17.0





#11

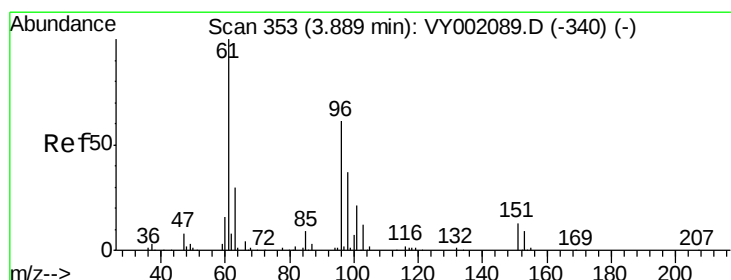
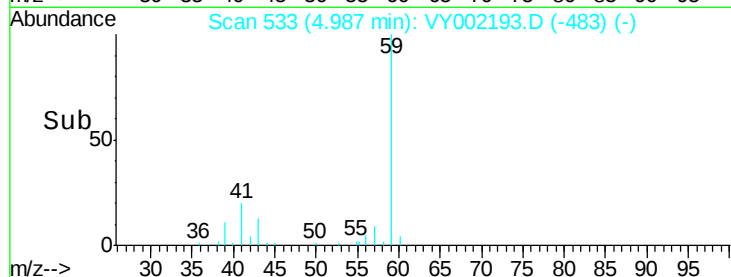
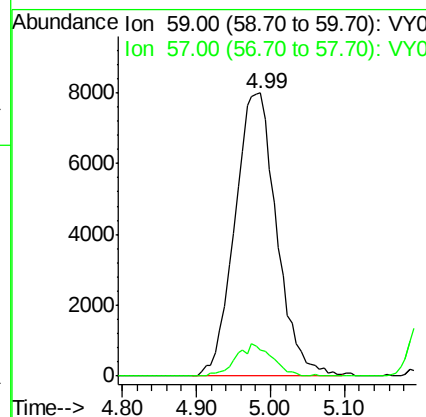
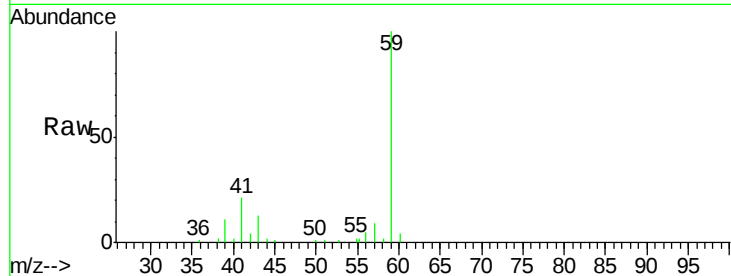
Tert butyl alcohol
 Concen: 164.962 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)MSD

Tot Ion	59	57	Ratio	100	9.8	Resp	31488	Lower	7.7	Upper	11.5
Ion	59	57	Ratio	100	9.8	Resp	31488	Lower	7.7	Upper	11.5

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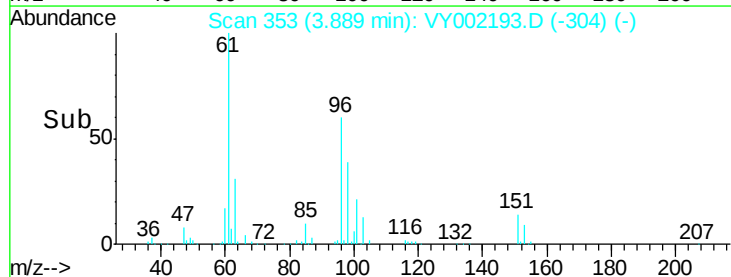
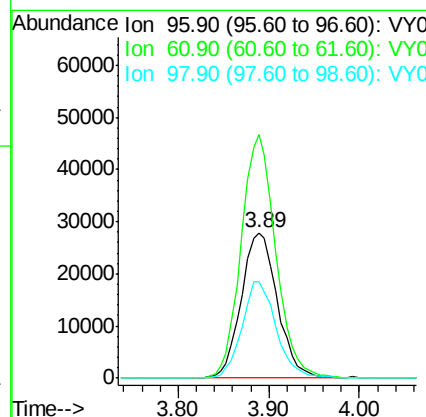
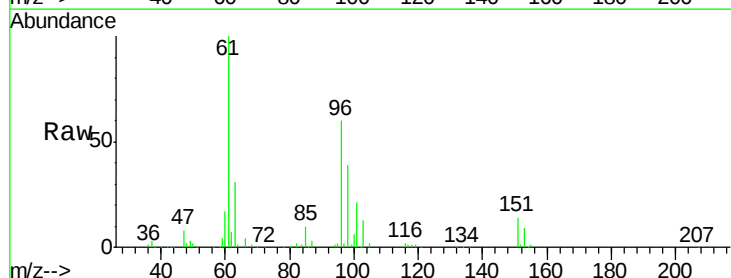
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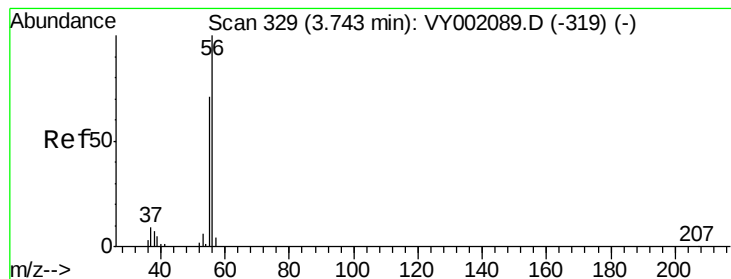


#12

1,1-Dichloroethene
 Concen: 48.409 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion	96	61	98	Ratio	100	167.6	66.1	Resp	76965	Lower	132.0	49.4	Upper	198.0	74.0
Ion	96	61	98	Ratio	100	167.6	66.1	Resp	76965	Lower	132.0	49.4	Upper	198.0	74.0





#13

Acrolein

Concen: 236.235 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion: 56 Resp: 56359

Ion Ratio Lower Upper

56 100

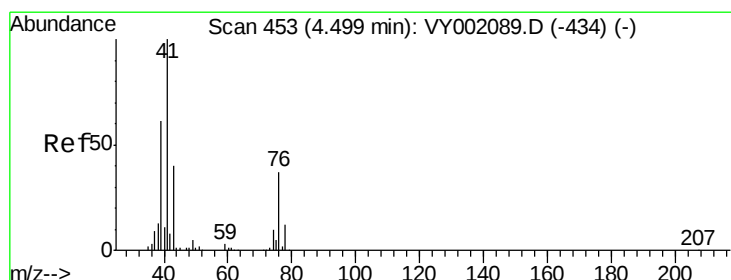
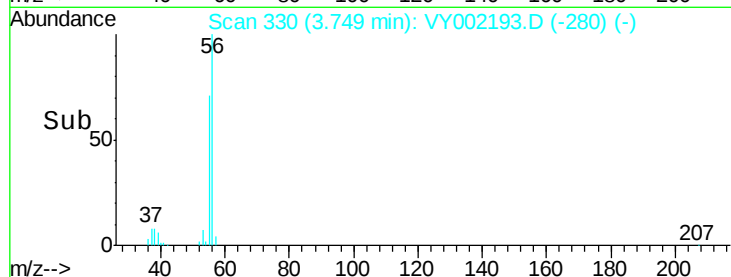
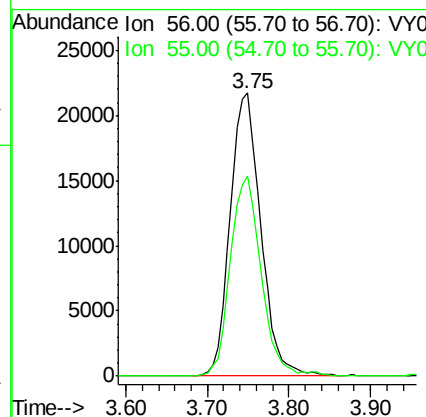
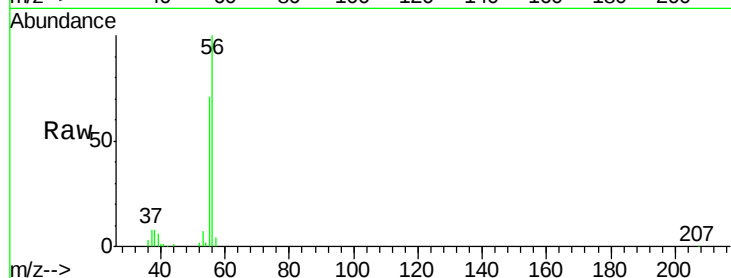
55 70.3 56.5 84.7

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#14

Allyl chloride

Concen: 48.907 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

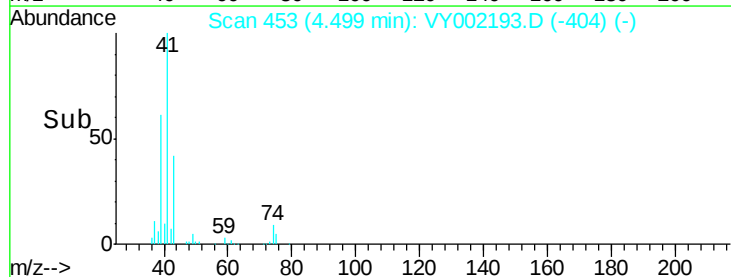
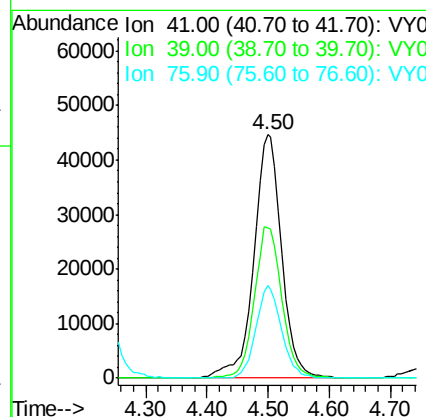
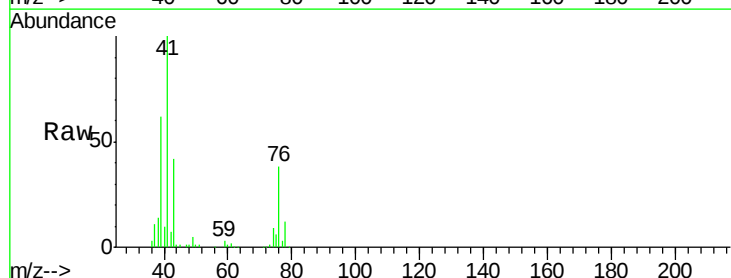
Tgt Ion: 41 Resp: 142346

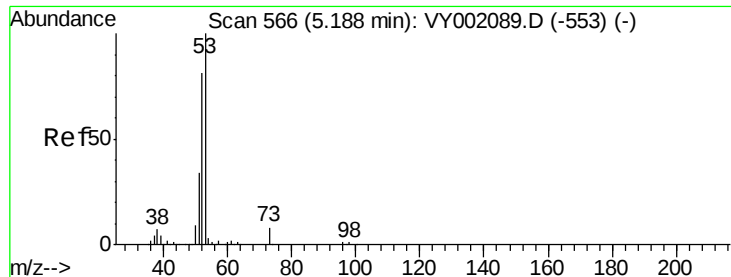
Ion Ratio Lower Upper

41 100

39 61.6 49.0 73.4

76 35.1 27.8 41.8





#15

Acrylonitrile

Concen: 216.314 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

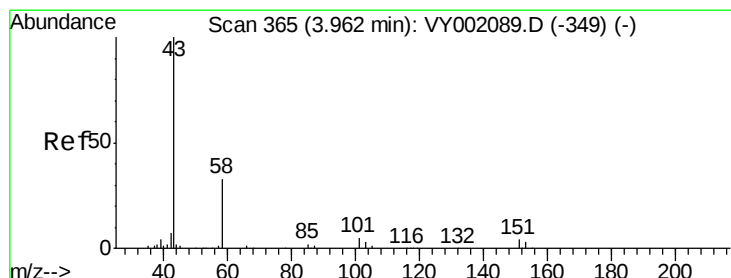
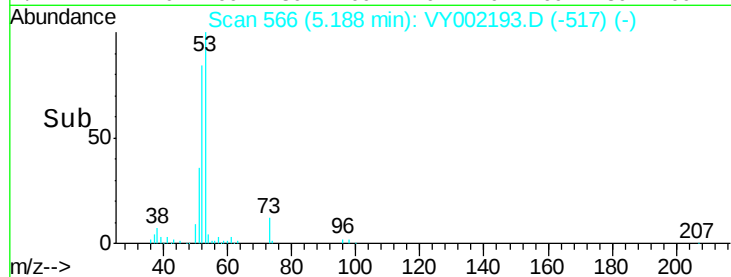
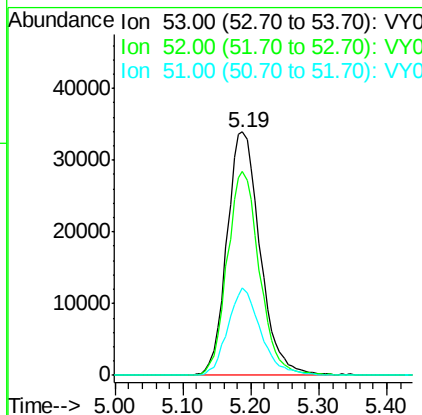
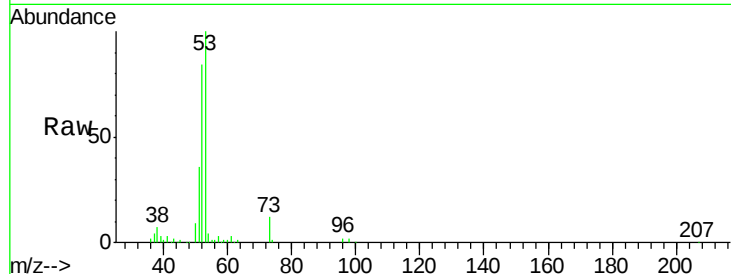
ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:	53	Resp:	114602
Ion Ratio	Lower	Upper	
53	100		
52	81.6	64.6	97.0
51	35.5	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 198.403 ug/l

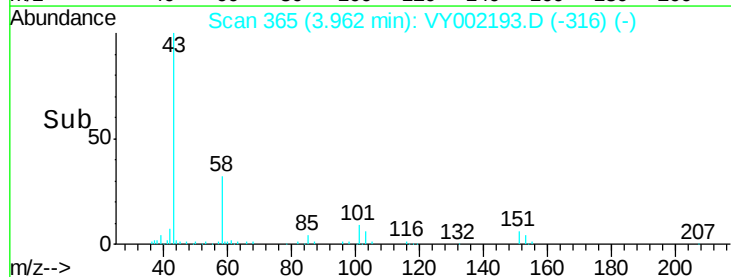
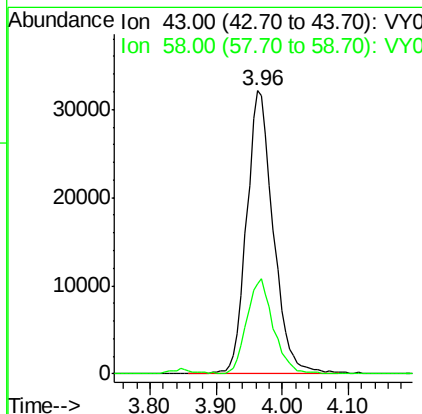
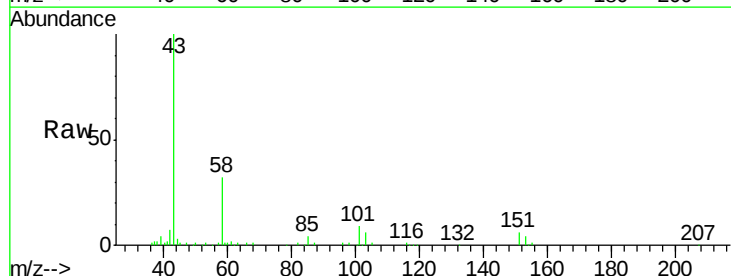
RT: 3.96 min Scan# 365

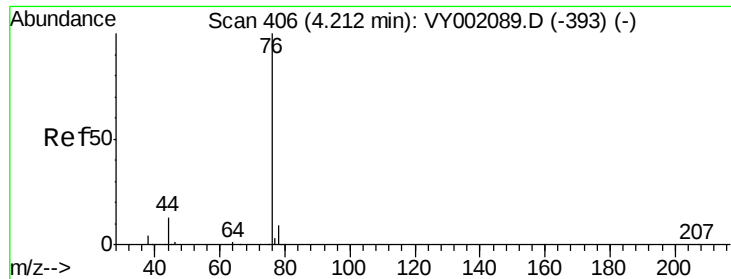
Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion:	43	Resp:	90288
Ion Ratio	Lower	Upper	
43	100		
58	31.8	26.3	39.5





#17

Carbon Disulfide

Concen: 47.161 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion: 76 Resp: 248838

Ion Ratio Lower Upper

76 100

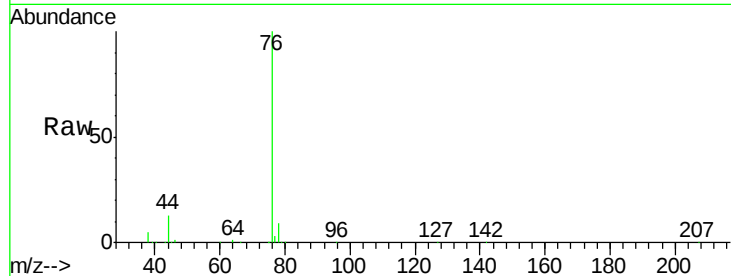
78 8.6 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

100000

80000

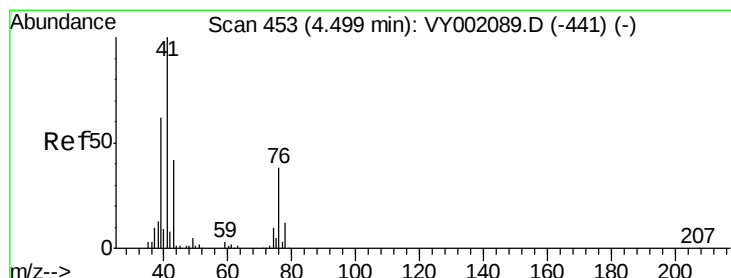
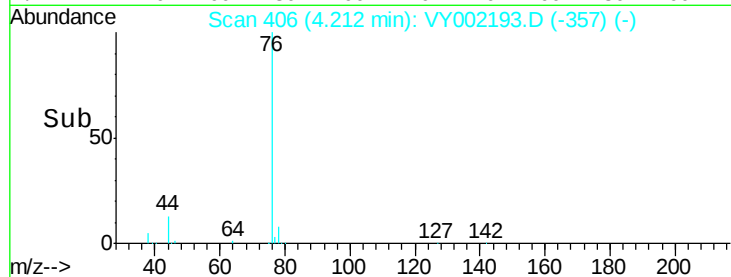
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.317 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002193.D

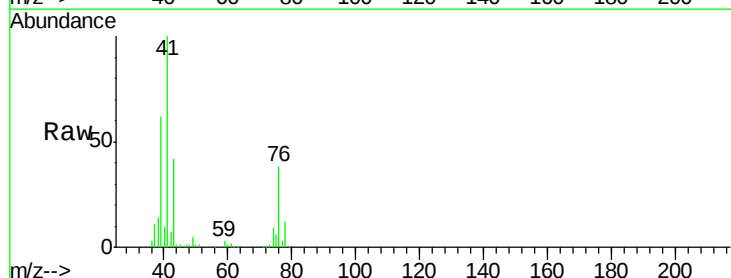
Acq: 02 Apr 2020 15:37

Tgt Ion: 43 Resp: 55915

Ion Ratio Lower Upper

43 100

74 22.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

20000

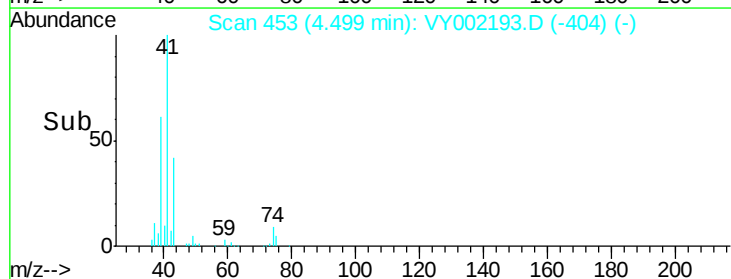
15000

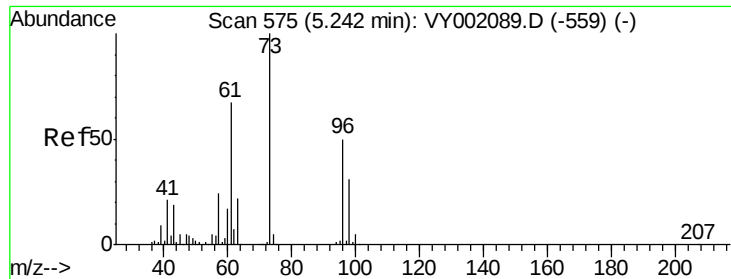
10000

5000

0

Time-->





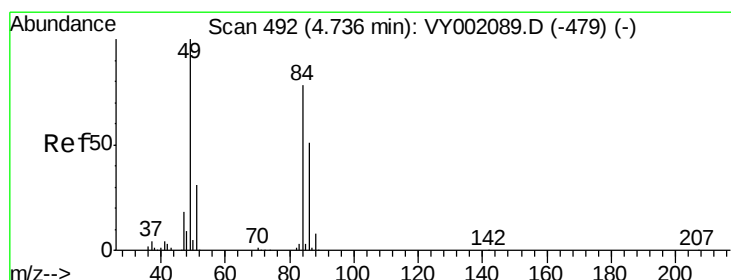
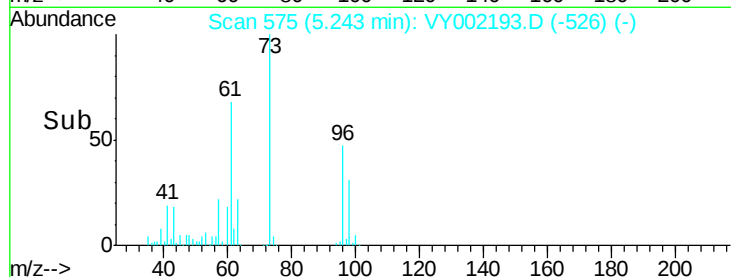
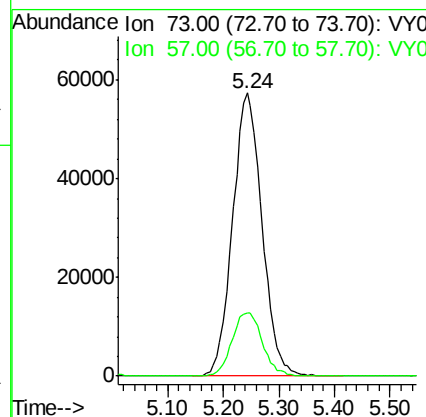
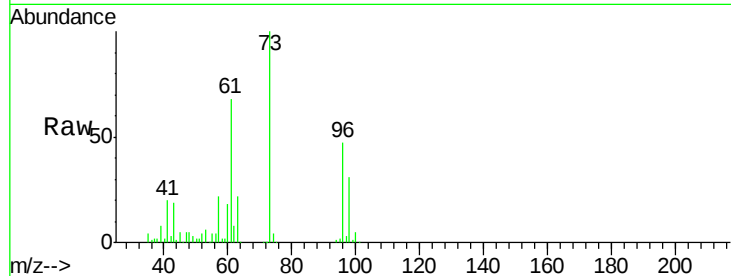
#19
Methvl tert-butvl Ether
Concen: 47.251 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion: 73 Resp: 209571
Ion Ratio Lower Upper
73 100
57 22.4 19.0 28.6

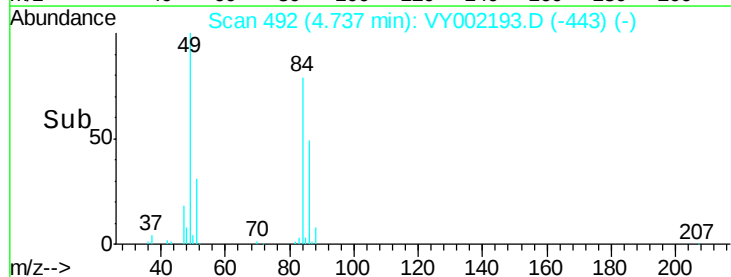
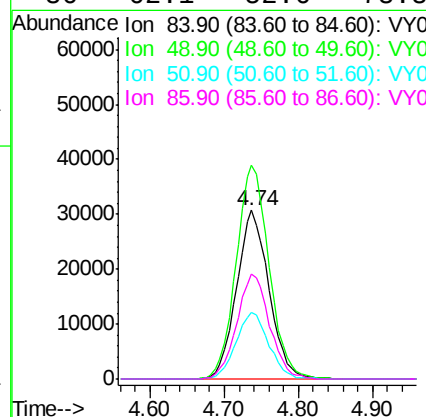
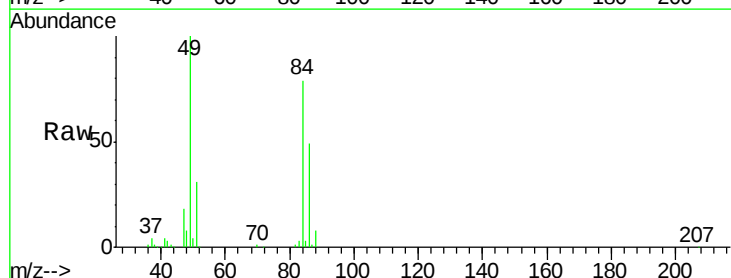
Manual Integrations
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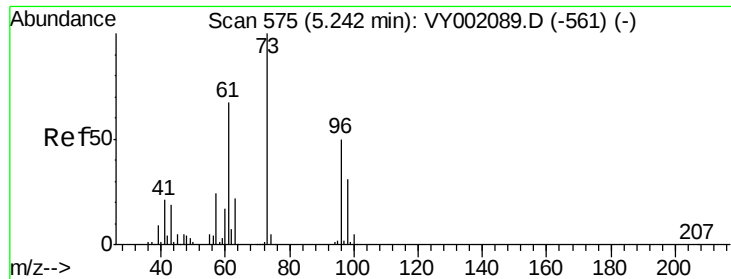
MMDadoda
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#20
Methylene Chloride
Concen: 49.656 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 84 Resp: 93623
Ion Ratio Lower Upper
84 100
49 126.9 102.2 153.4
51 39.6 31.2 46.8
86 62.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 49.017 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

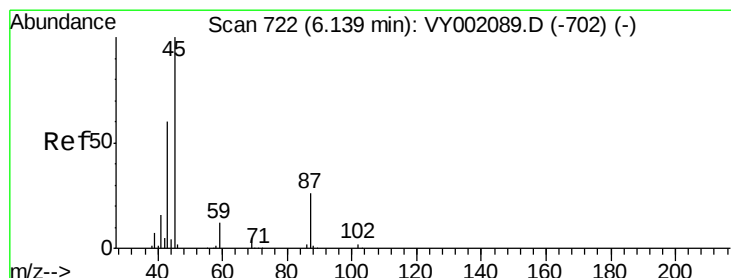
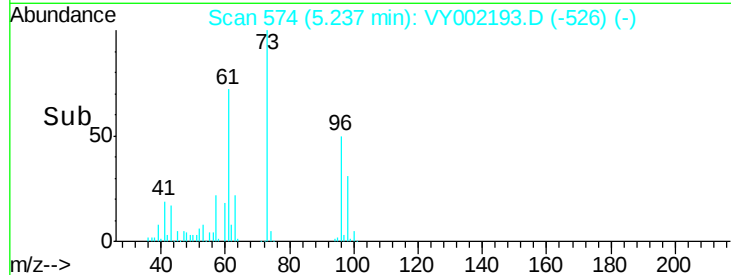
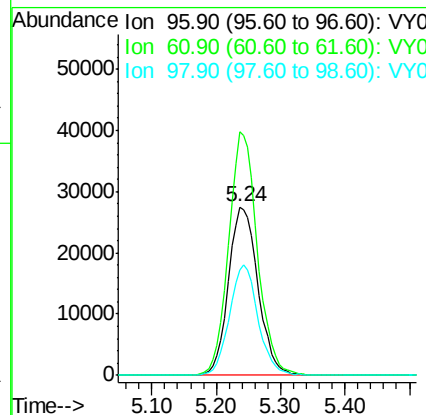
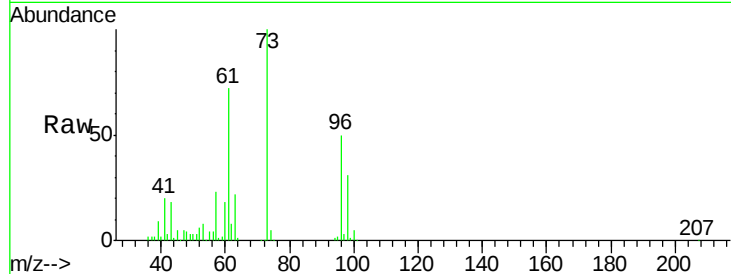
ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:	96	Resp:	88732
Ion	Ratio	Lower	Upper
96	100		
61	144.6	107.7	161.5
98	62.7	50.5	75.7

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#22

Diisopropyl ether

Concen: 49.265 ug/l

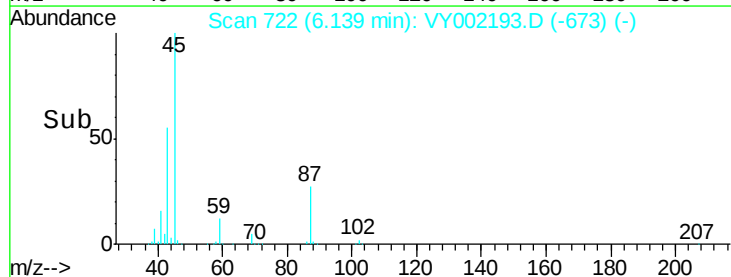
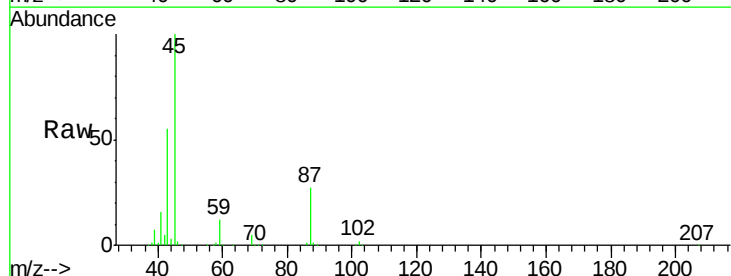
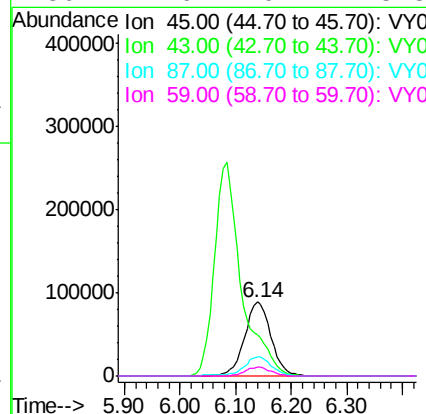
RT: 6.14 min Scan# 722

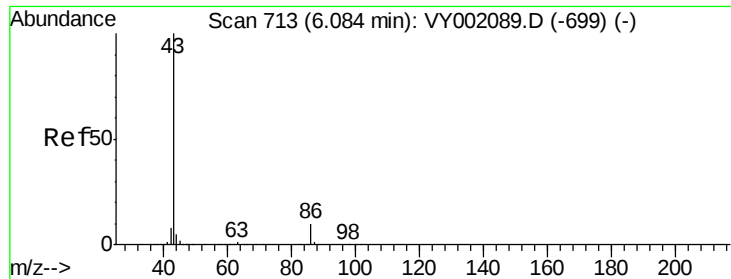
Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion:	45	Resp:	293442
Ion	Ratio	Lower	Upper
45	100		
43	55.2	48.1	72.1
87	26.5	21.1	31.7
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 221.740 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion: 43 Resp: 866084

Ion Ratio Lower Upper

43 100

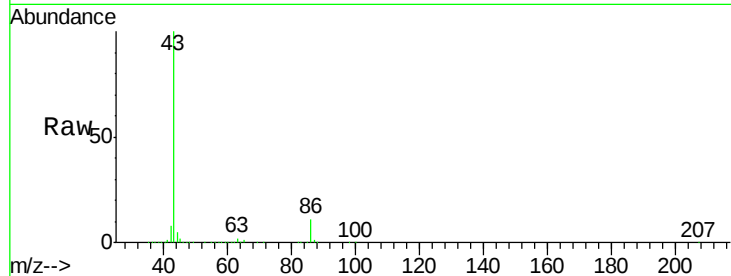
86 10.6 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

250000

200000

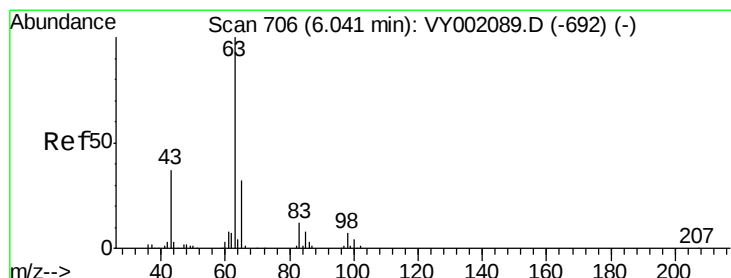
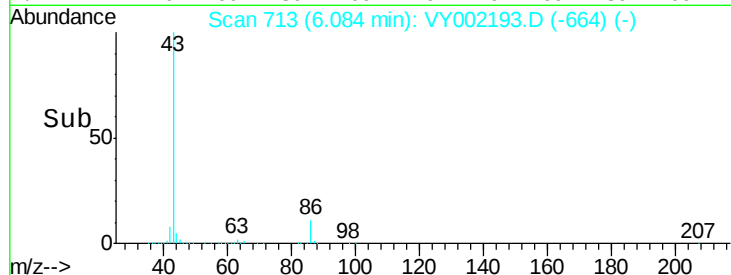
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 49.608 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

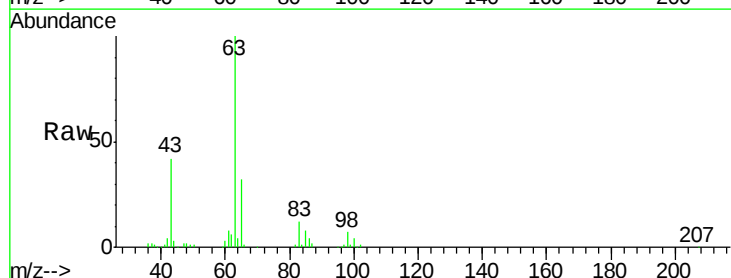
Tgt Ion: 63 Resp: 157108

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

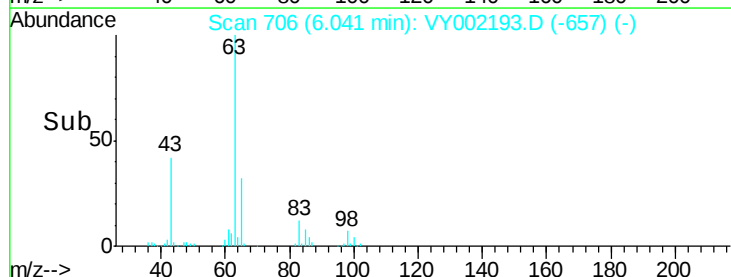
60000

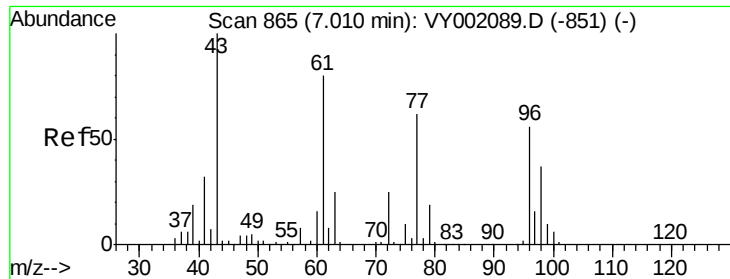
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 207.773 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion: 43 Resp: 145185

Ion Ratio Lower Upper

43 100

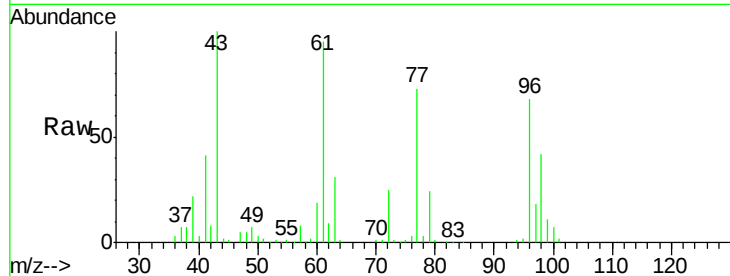
72 25.4 20.2 30.2

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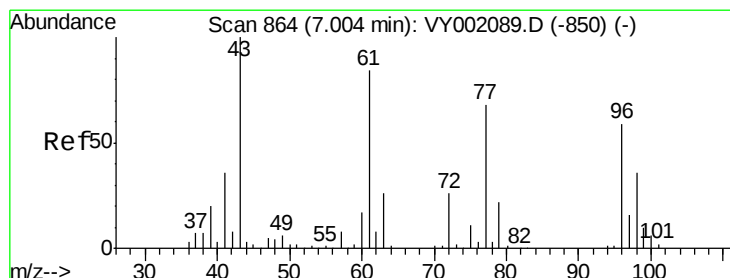
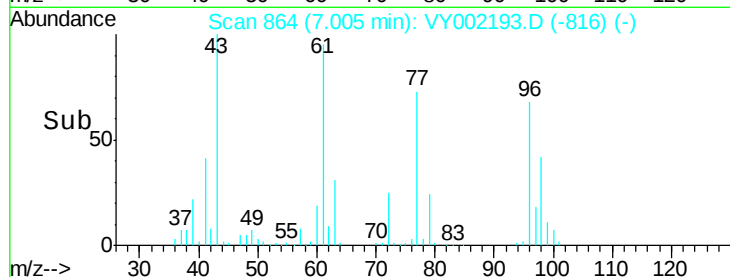
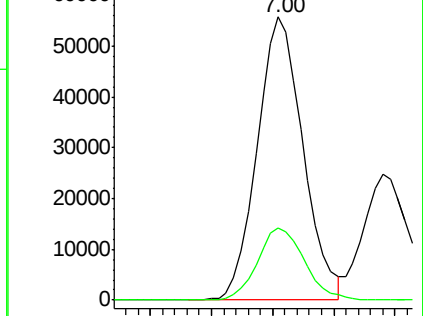
MMDadoda

4/6/2020 11:28:29 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 48.246 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002193.D

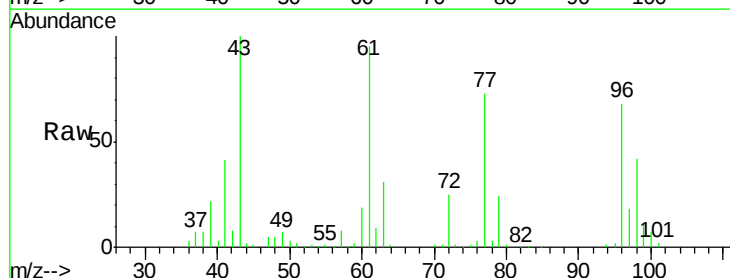
Acq: 02 Apr 2020 15:37

Tgt Ion: 77 Resp: 125840

Ion Ratio Lower Upper

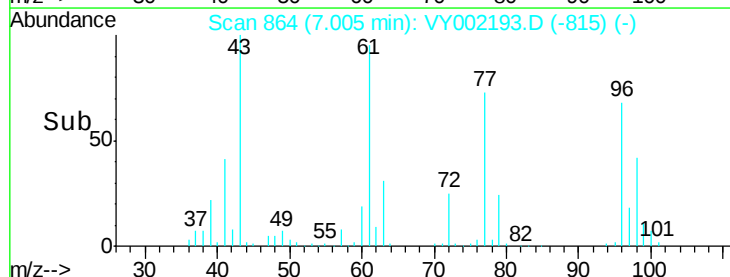
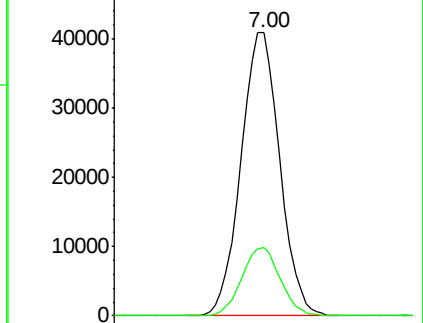
77 100

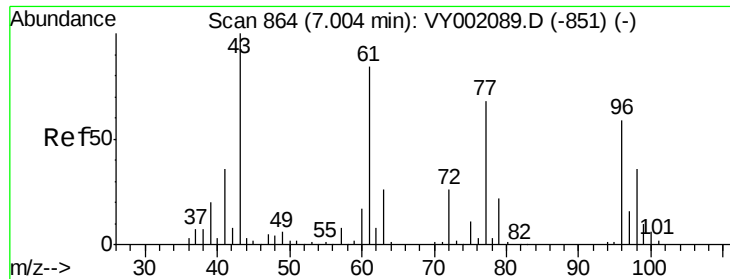
97 24.0 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

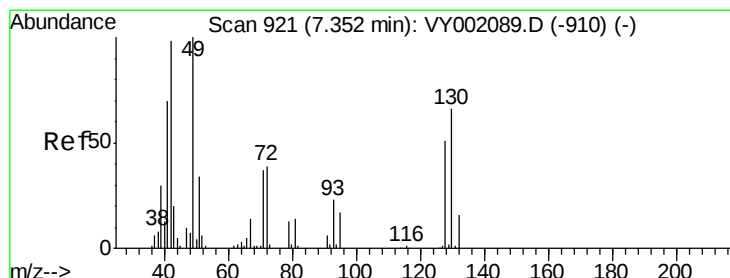
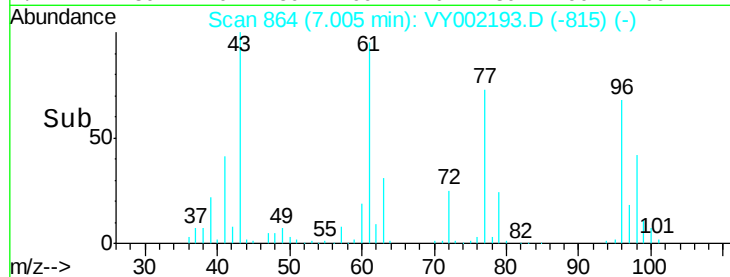
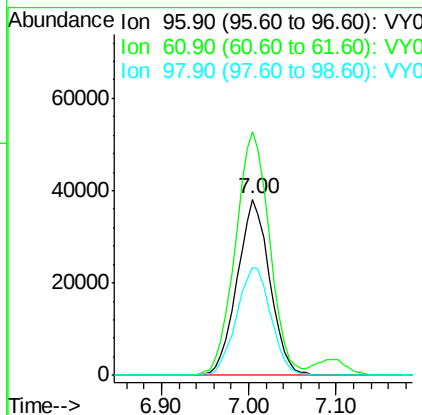
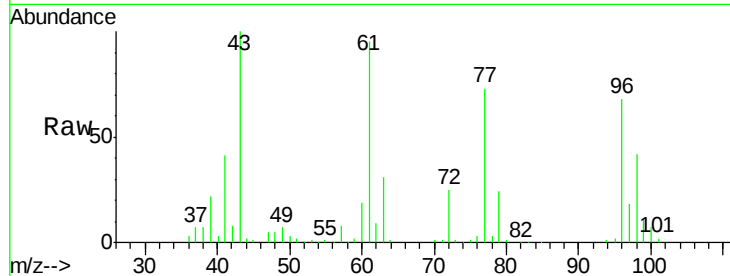
cis-1,2-Dichloroethene
Concen: 49.574 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	290.6
98	64.7	0.0	128.0

Manual Integrations
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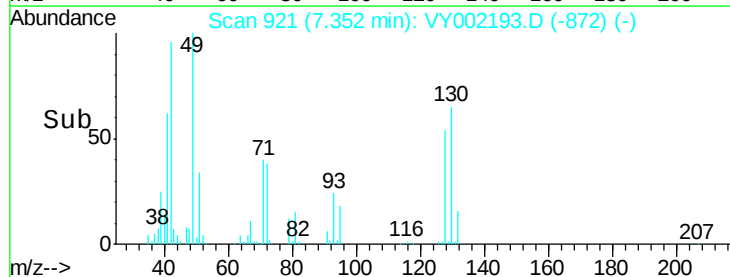
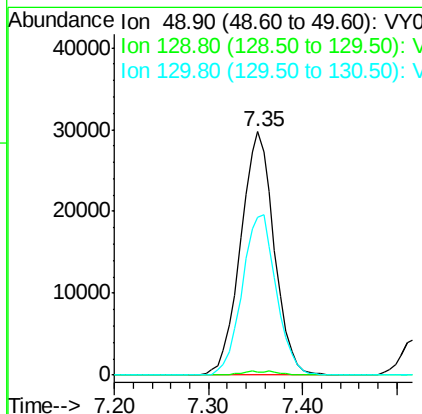
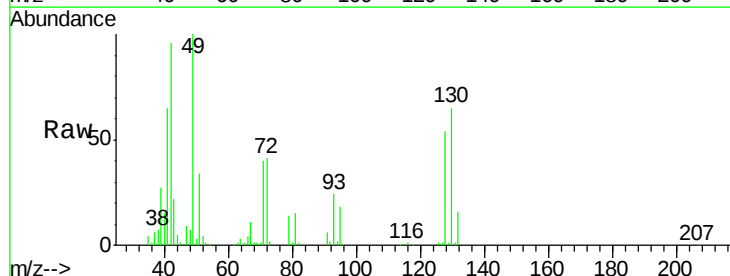
MMDadoda
4/6/2020 11:28:29 AM

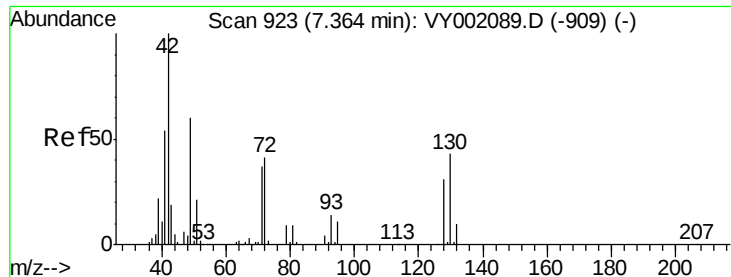


#28

Bromochloromethane
Concen: 51.114 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	67.1	54.1	81.1





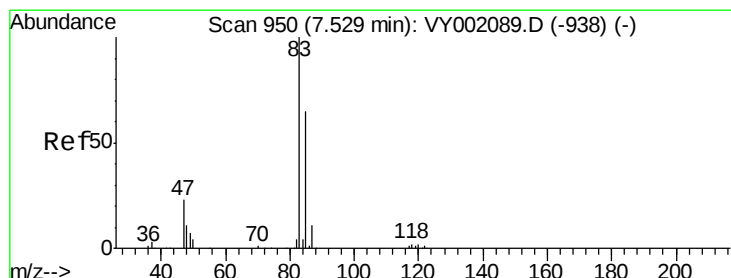
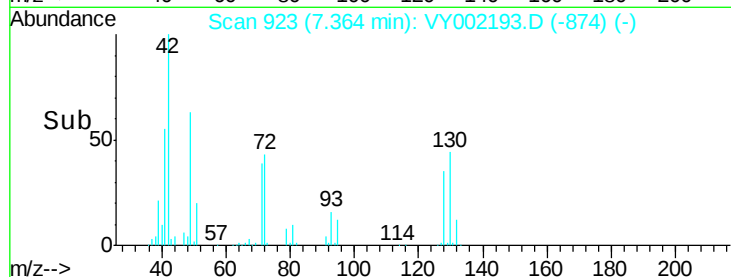
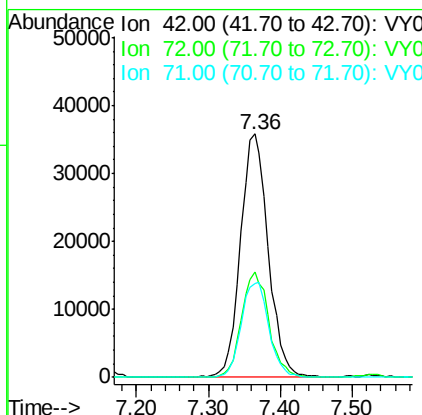
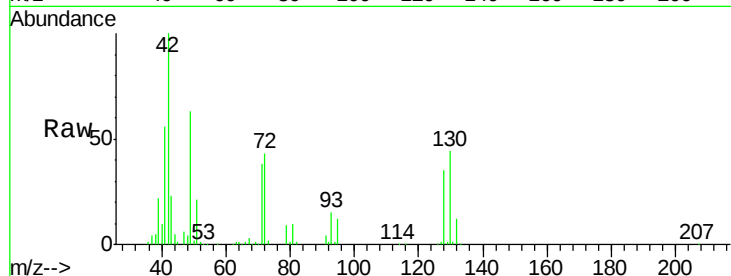
#29
Tetrahydrofuran
Concen: 208.754 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.0	49.4
71	39.0	31.2	46.8

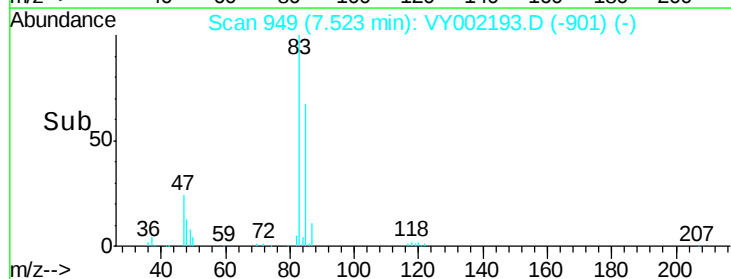
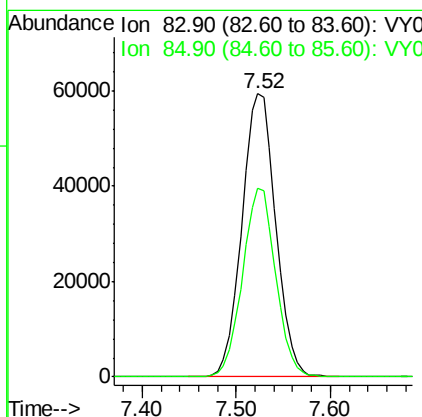
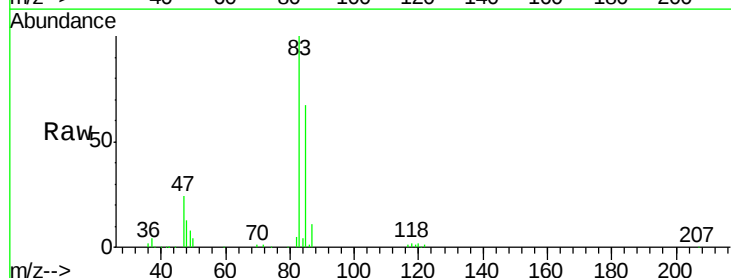
Manual Integrations
APPROVED

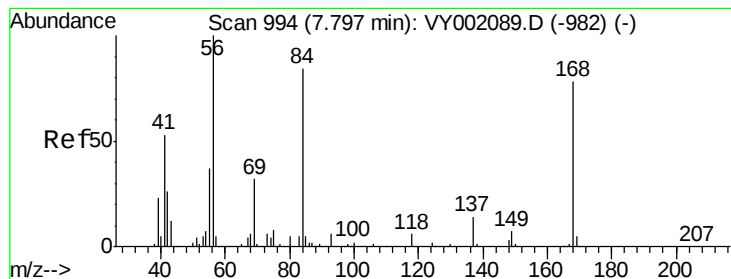
MMDadoda
4/6/2020 11:28:29 AM



#30
Chloroform
Concen: 49.818 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.4	78.6





#31

Cyclohexane

Concen: 46.413 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

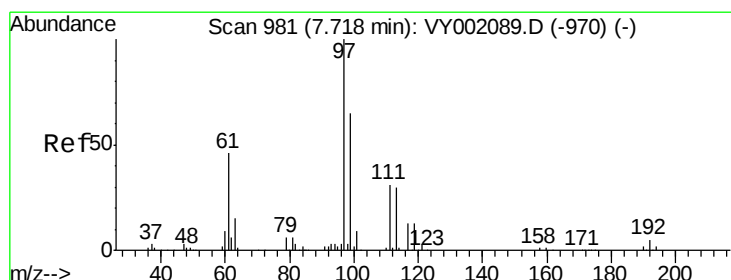
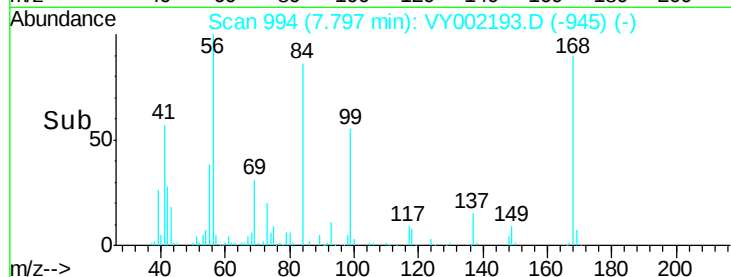
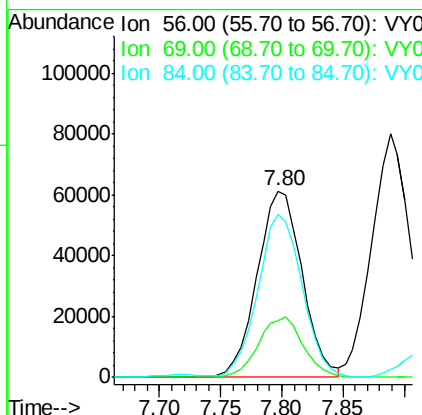
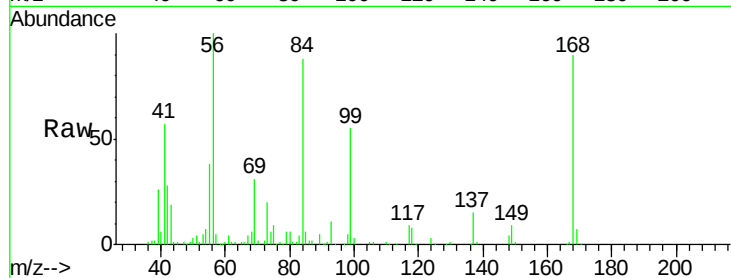
ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		156626		
69	30.5	25.8	38.8		
84	86.2	67.1	100.7		

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.307 ug/l

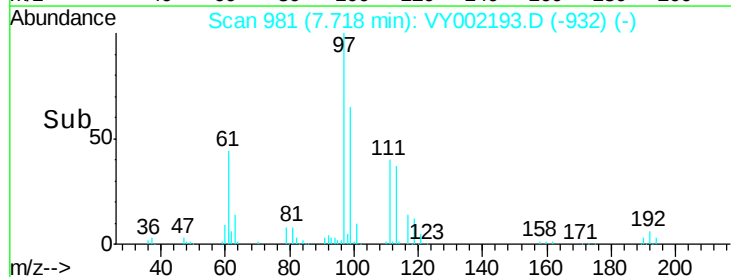
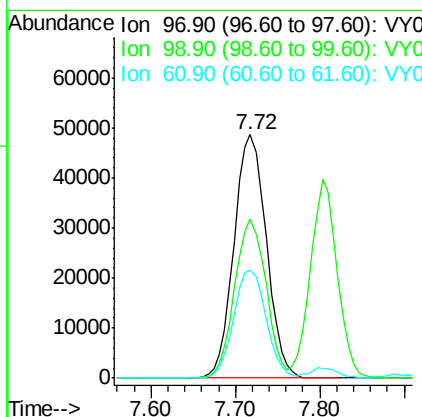
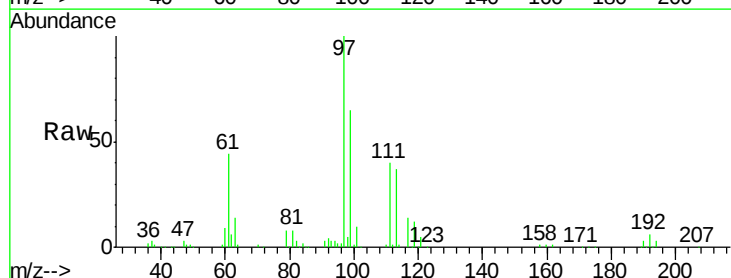
RT: 7.72 min Scan# 981

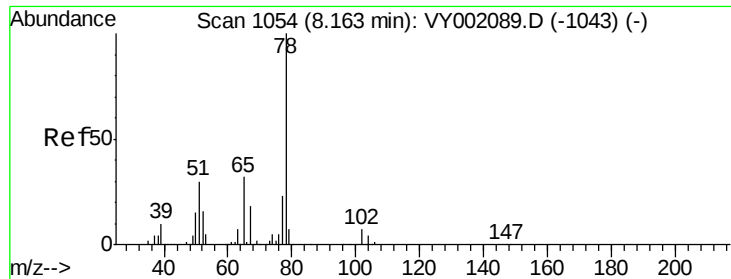
Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		126087		
99	63.6	52.0	78.0		
61	44.6	35.7	53.5		





#33

1,2-Dichloroethane-d4

Concen: 49.978 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion: 65 Resp: 80953

Ion Ratio Lower Upper

65 100

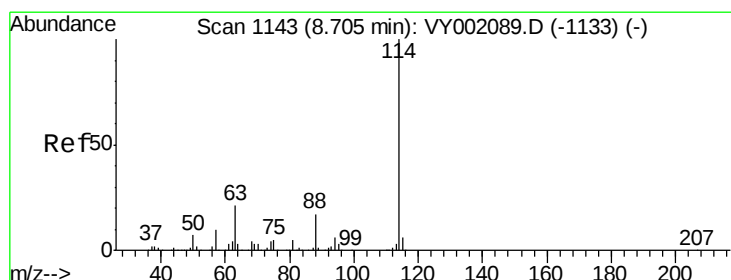
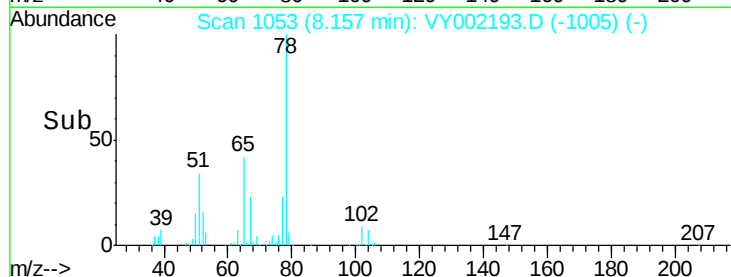
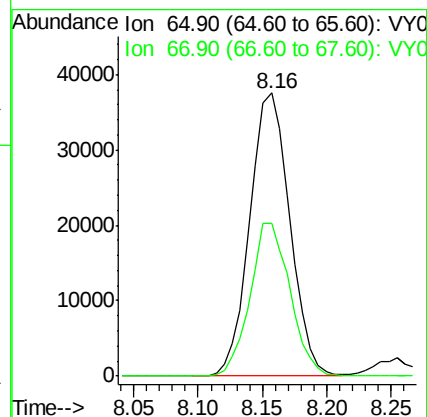
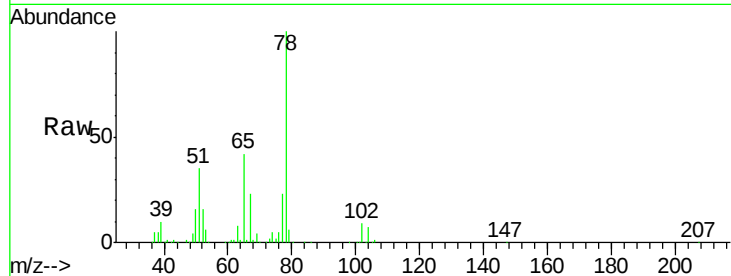
67 53.9 0.0 112.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

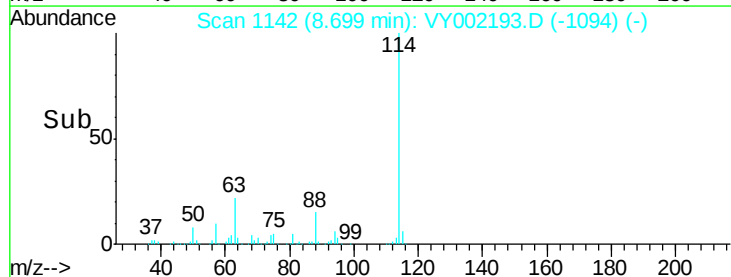
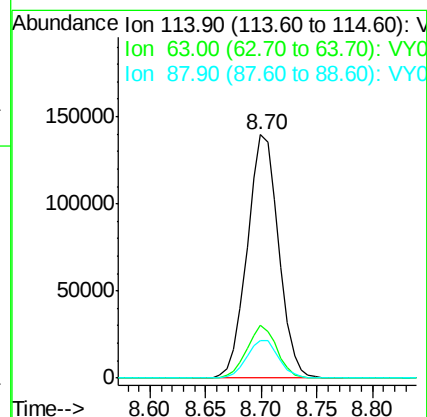
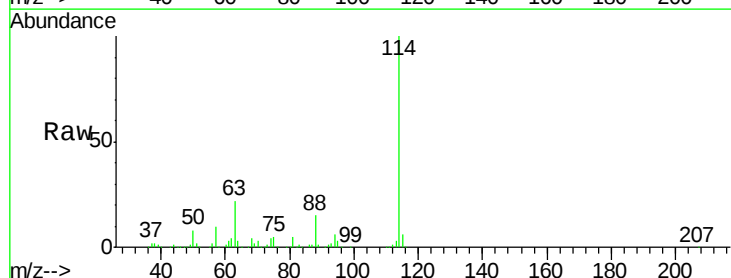
Tgt Ion: 114 Resp: 272540

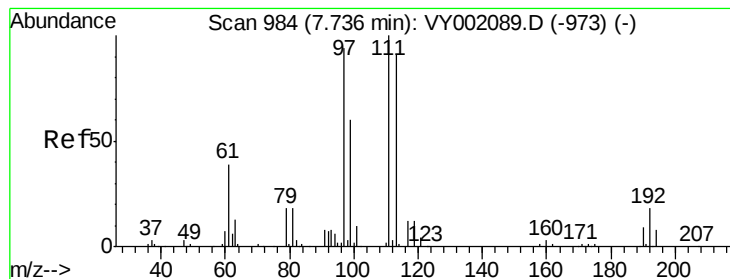
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.033 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:113 Resp: 76405

Ion Ratio Lower Upper

113 100

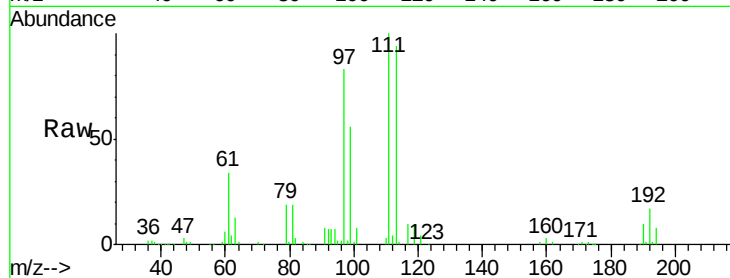
111 103.8 84.4 126.6

192 18.0 14.6 21.8

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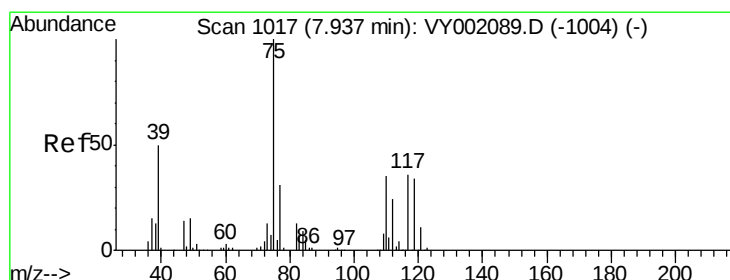
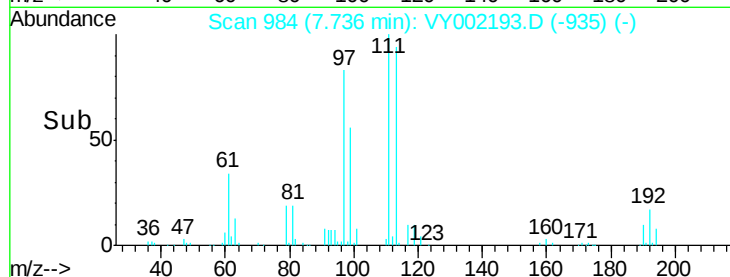
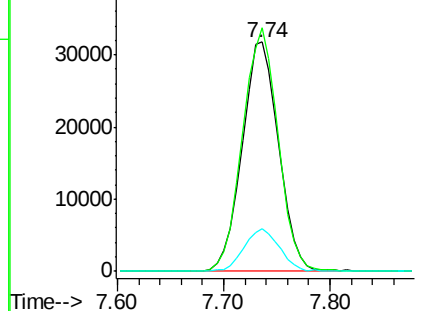
4/6/2020 11:28:29 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.278 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

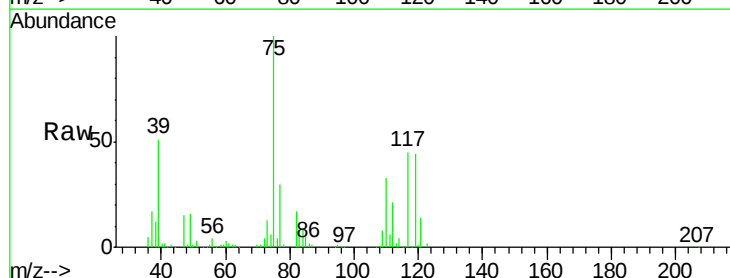
Tgt Ion: 75 Resp: 124452

Ion Ratio Lower Upper

75 100

110 34.1 17.2 51.6

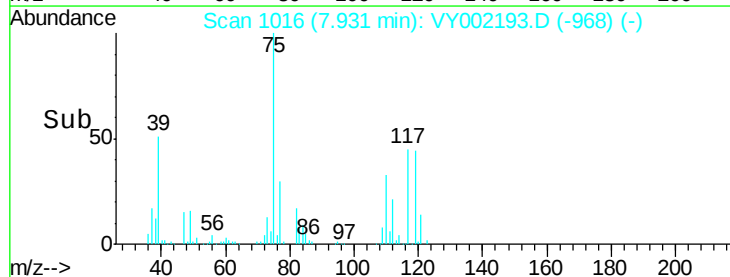
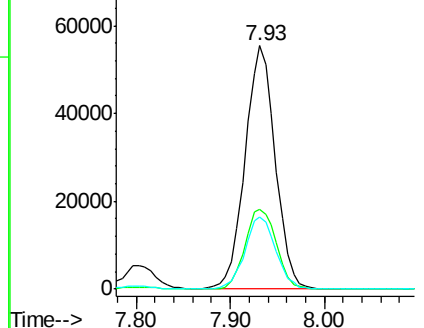
77 30.5 24.7 37.1

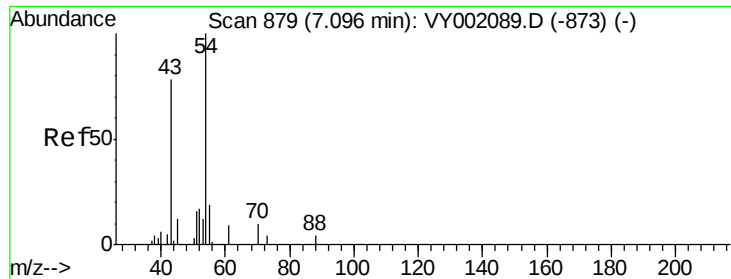


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





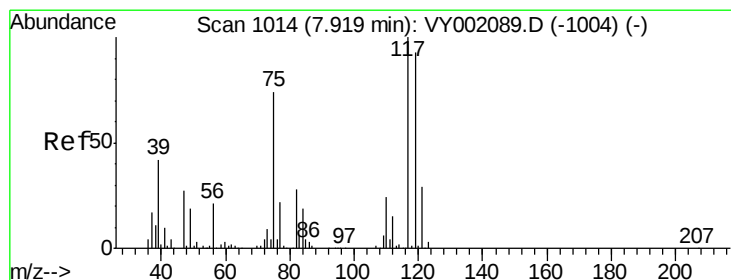
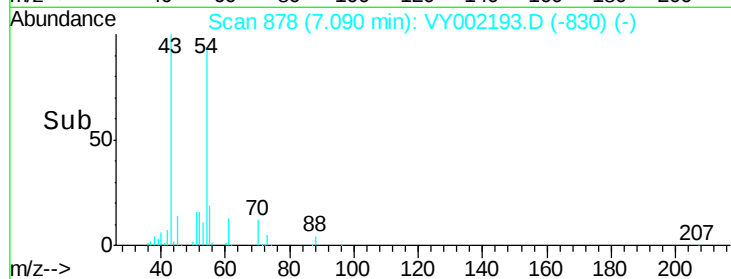
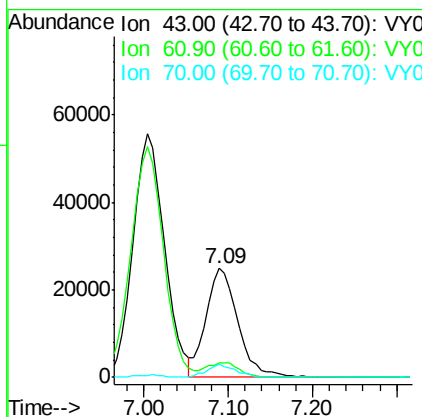
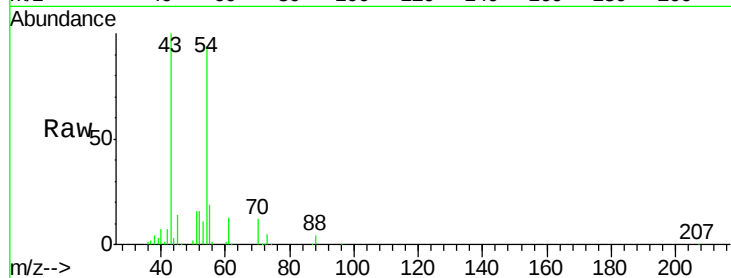
#37
Ethyl Acetate
Concen: 41.944 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	43	Resp	65341
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.2	16.8
70	10.8	8.2	12.4

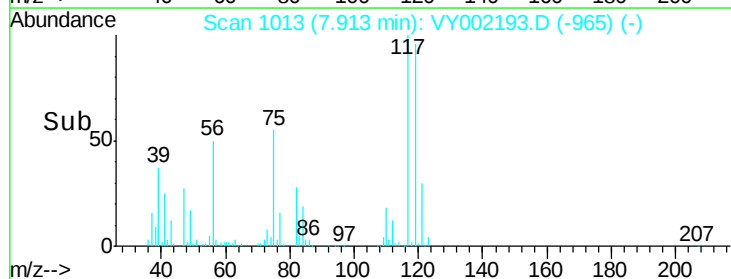
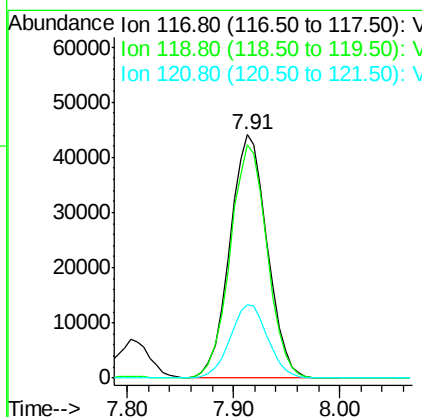
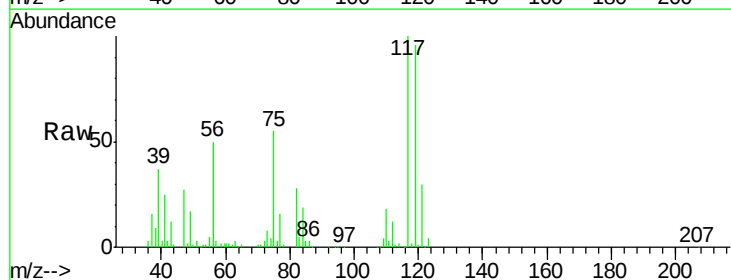
Manual Integrations
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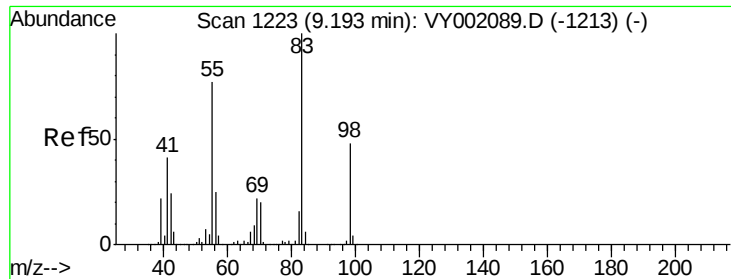
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#38
Carbon Tetrachloride
Concen: 49.658 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	117	Resp	108606
Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.3	111.5
121	30.4	23.3	34.9





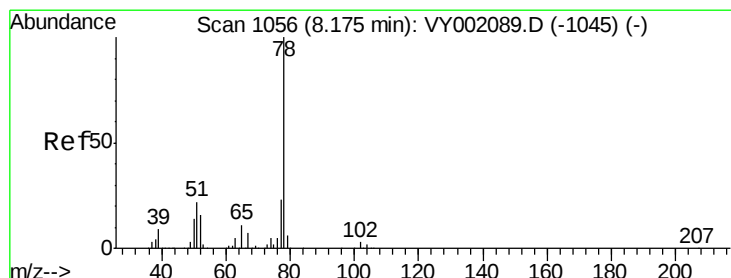
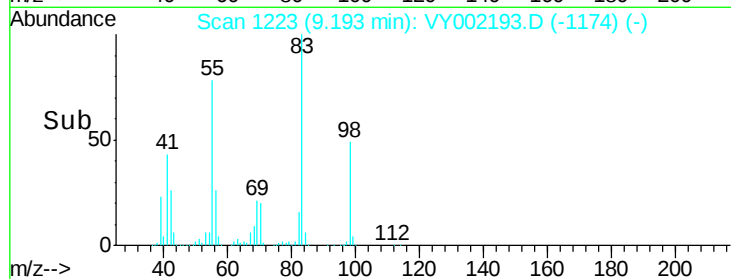
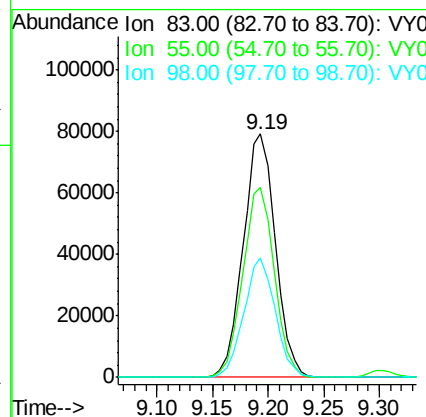
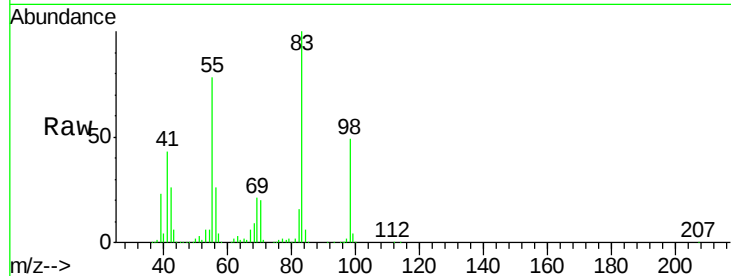
#39
Methvlcvclohexane
Concen: 46.980 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.2	61.2	91.8	
98	48.8	38.2	57.2	

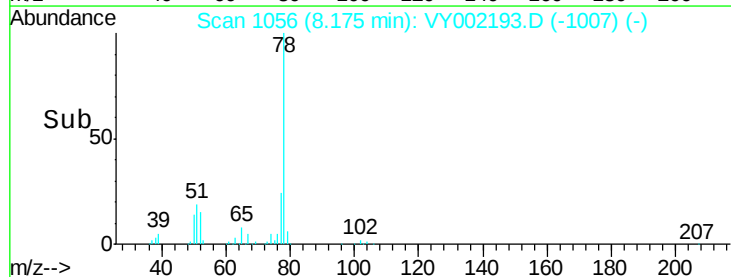
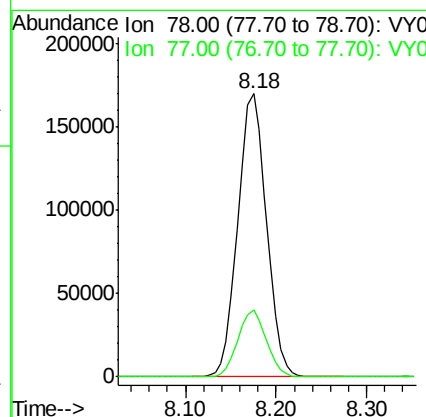
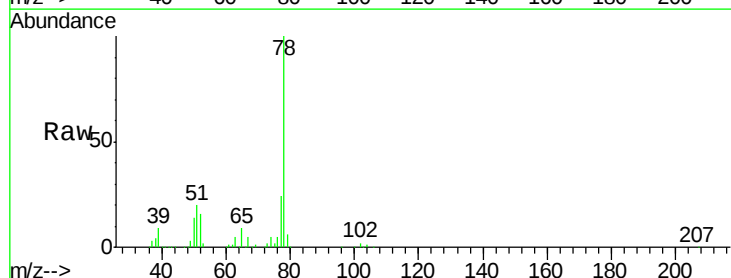
Manual Integrations
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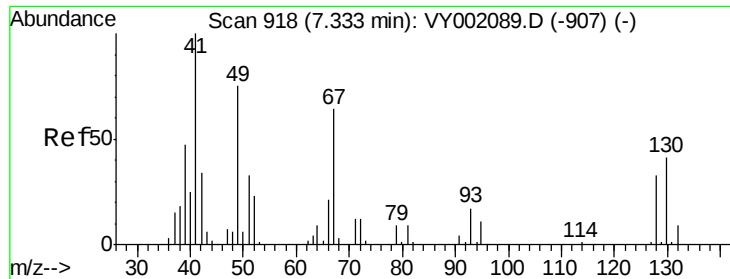
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#40
Benzene
Concen: 48.937 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	18.2	27.4	





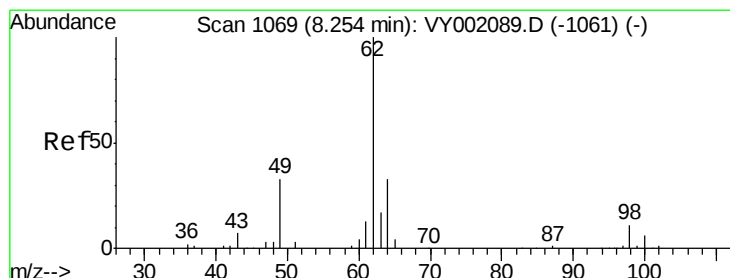
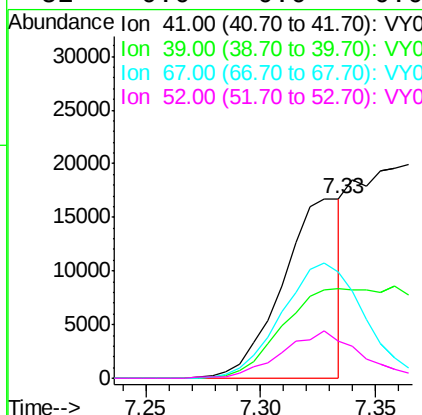
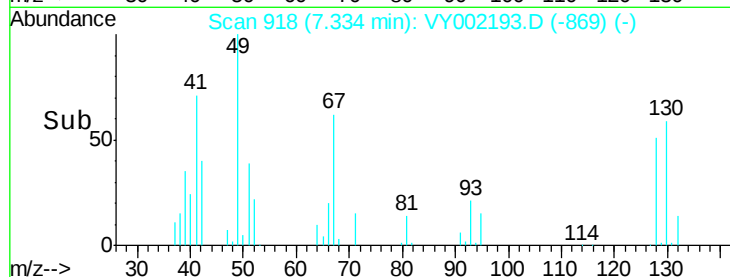
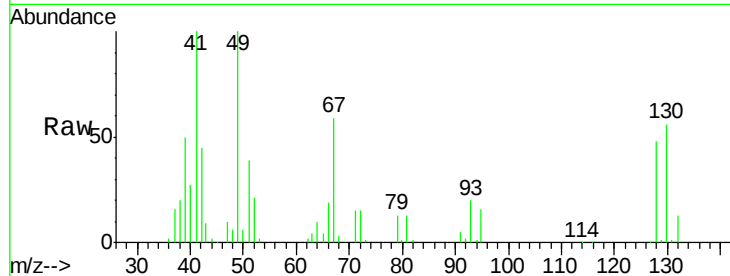
#41
Methacrylonitrile
Concen: 37.939 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
41	100	29895		
39	131.3	0.0	0.0	#
67	0.0	0.0	0.0	
52	0.0	0.0	0.0	

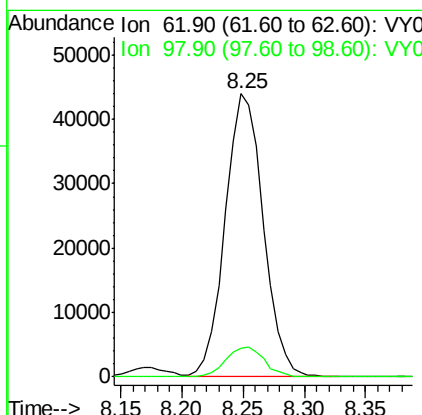
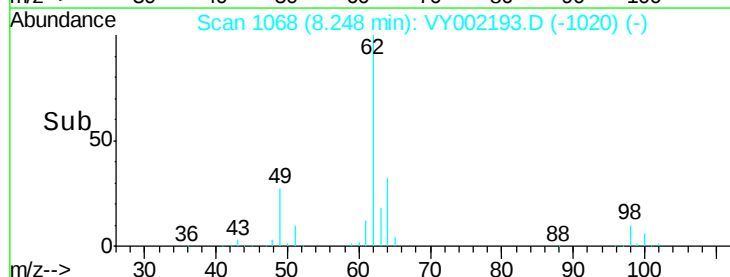
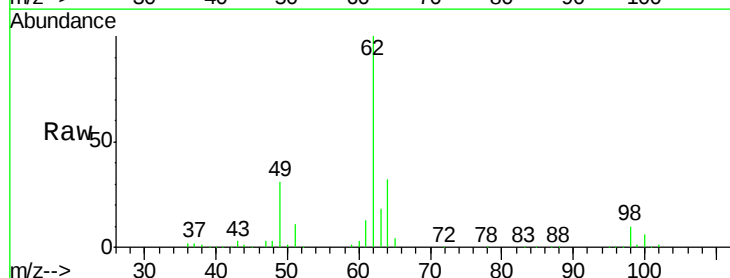
Manual Integrations
APPROVED

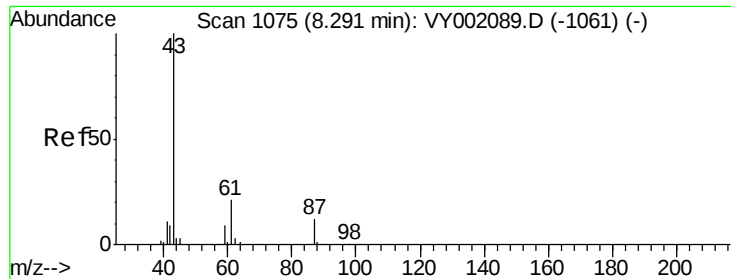
MMDadoda
4/6/2020 11:28:29 AM



#42
1,2-Dichloroethane
Concen: 46.773 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	94822		
98	10.6	0.0	21.2	





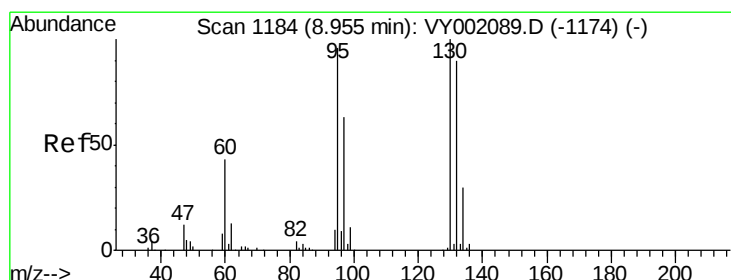
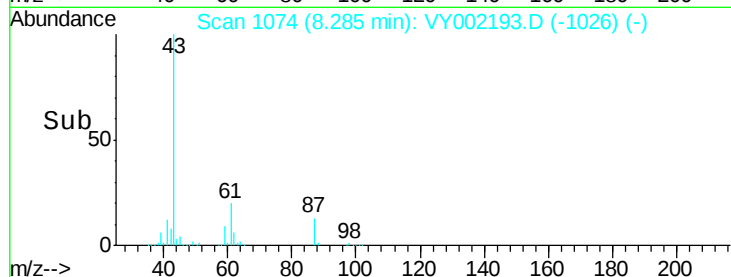
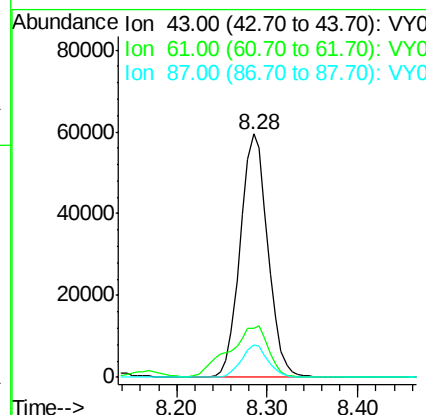
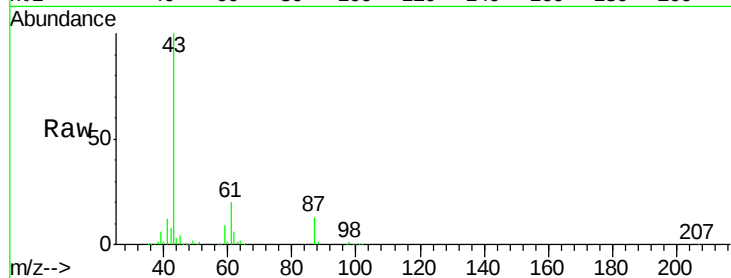
#43
Isopropyl Acetate
Concen: 43.425 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	23.4	35.2
87	12.9	10.2	15.4

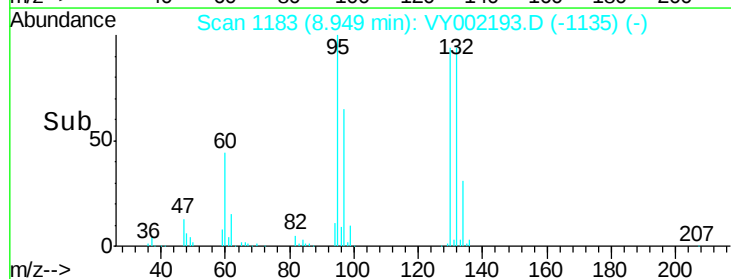
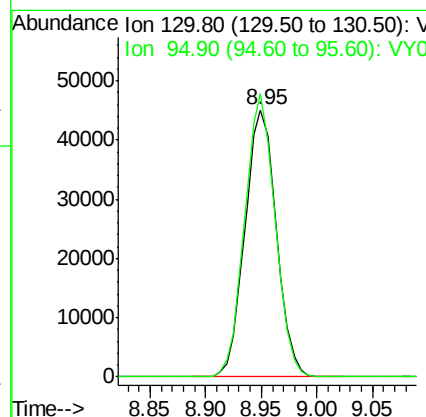
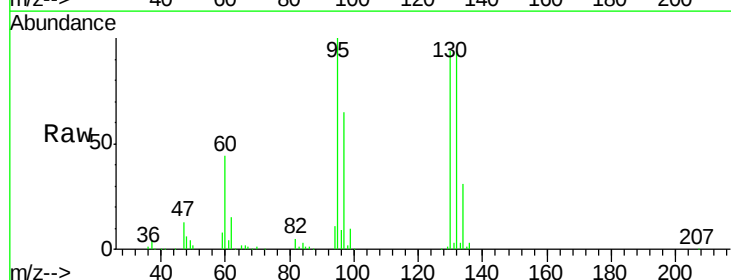
Manual Integrations
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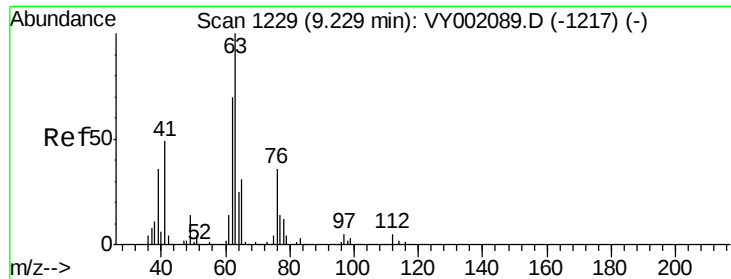
MMDadoda
4/6/2020 11:28:29 AM



#44
Trichloroethene
Concen: 48.039 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.1	0.0	193.0





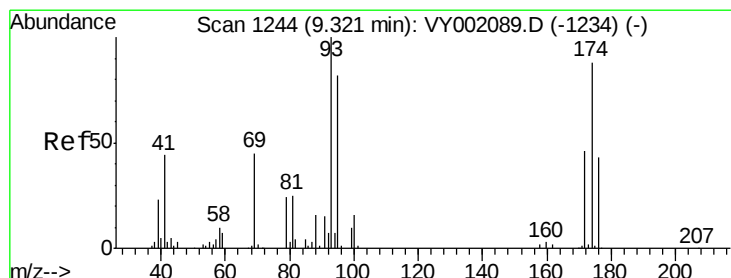
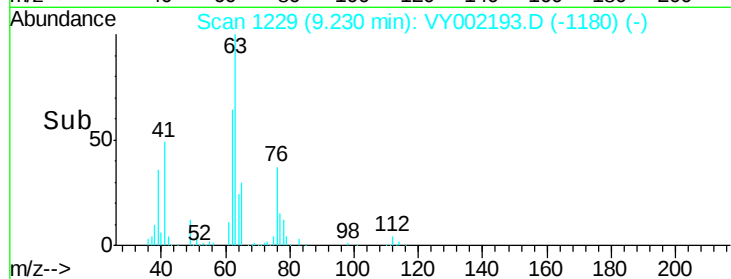
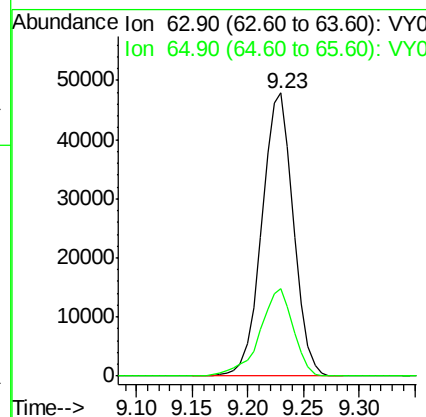
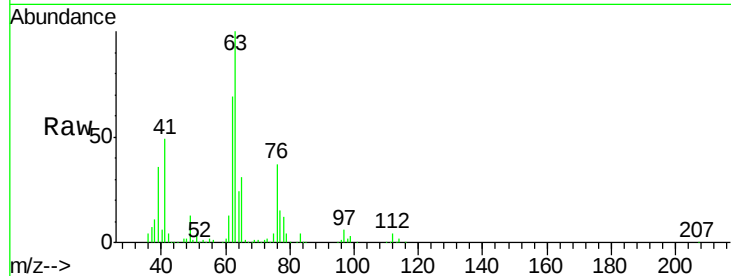
#45
 1,2-Dichloropropane
 Concen: 48.583 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.0	37.6

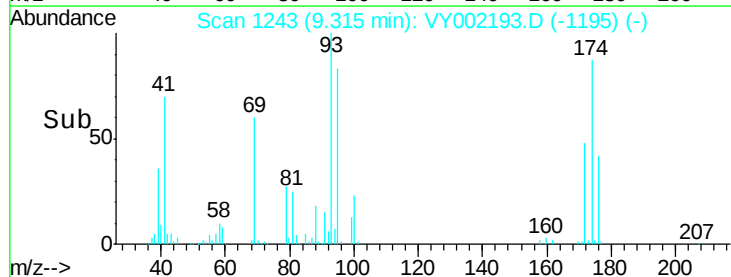
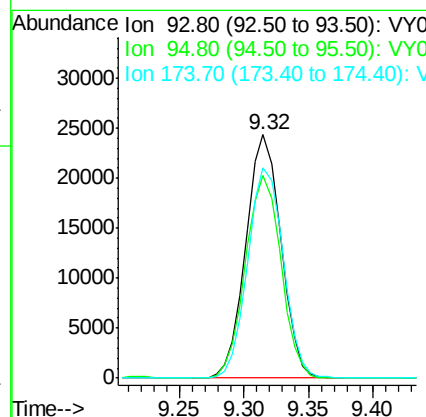
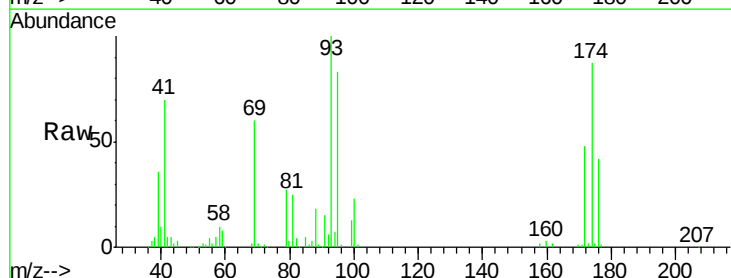
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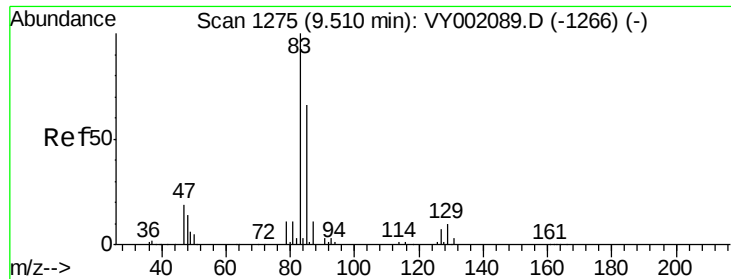
MMDadoda
 4/6/2020 11:28:29 AM



#46
 Dibromomethane
 Concen: 45.904 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.0	99.0
174	87.9	69.8	104.8





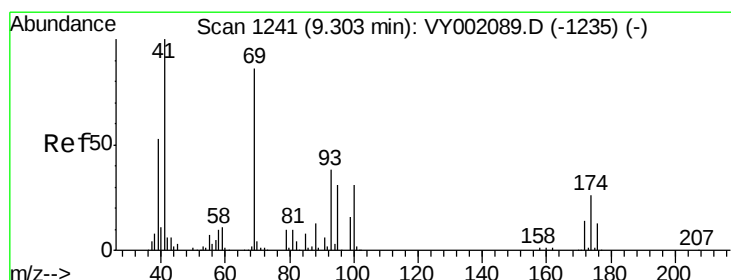
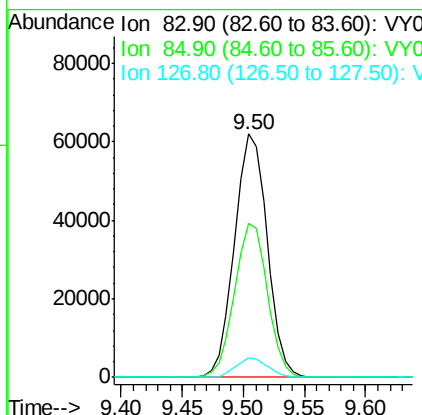
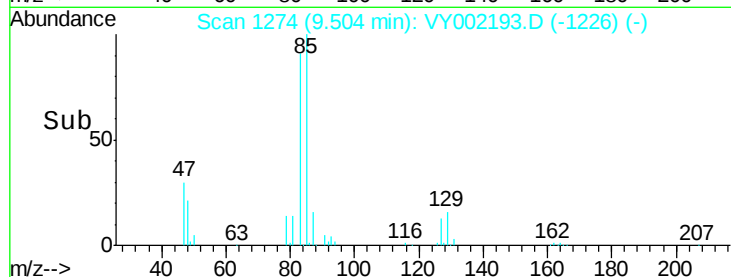
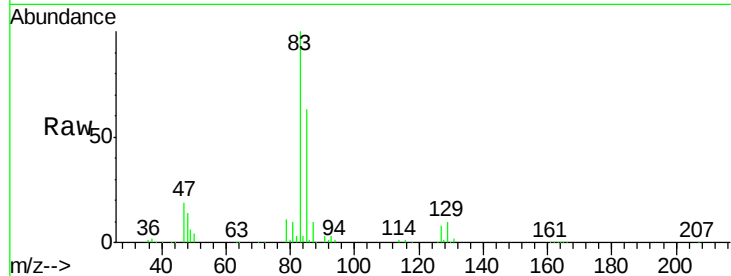
#47
Bromodichloromethane
Concen: 49.434 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.0	52.6	79.0	
127	7.9	5.9	8.9	

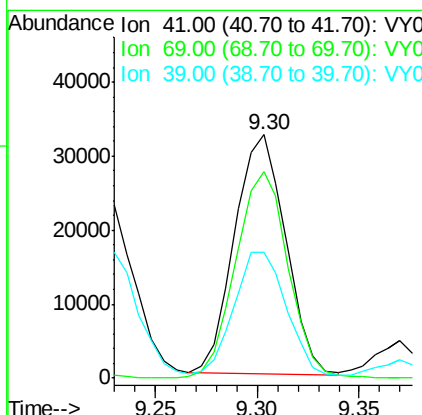
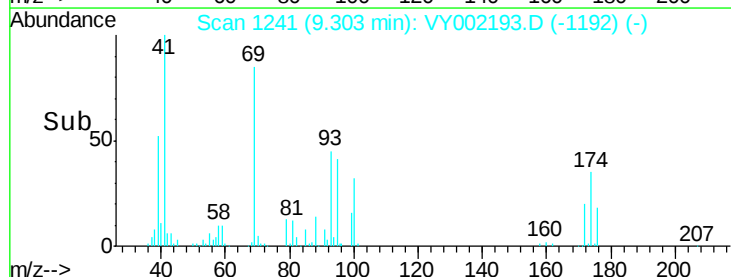
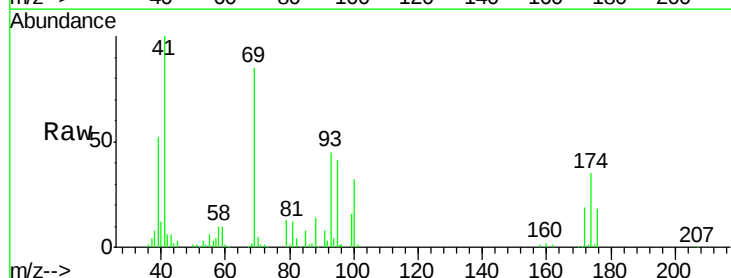
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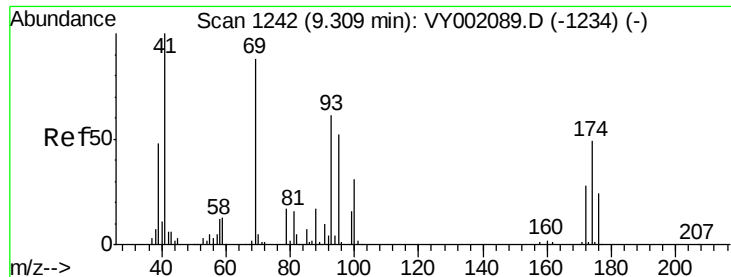
MMDadoda
4/6/2020 11:28:29 AM



#48
Methyl methacrylate
Concen: 43.488 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	88.5	71.4	107.0	
39	55.4	41.0	61.4	





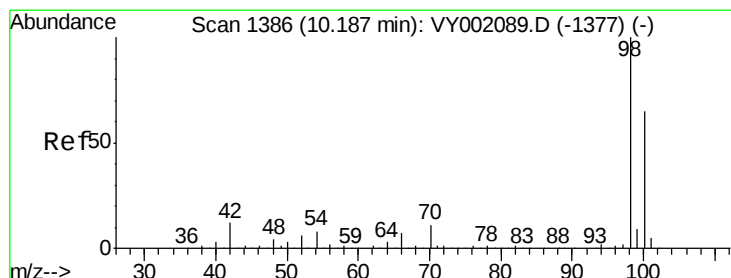
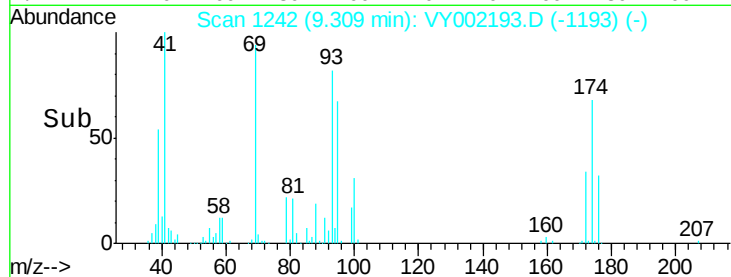
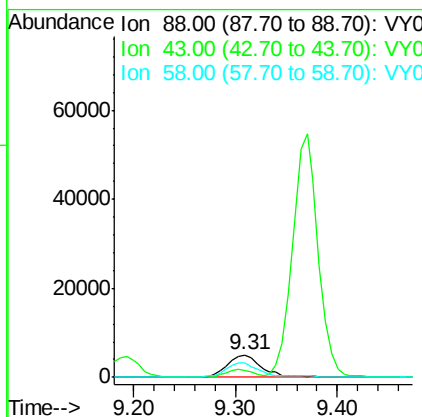
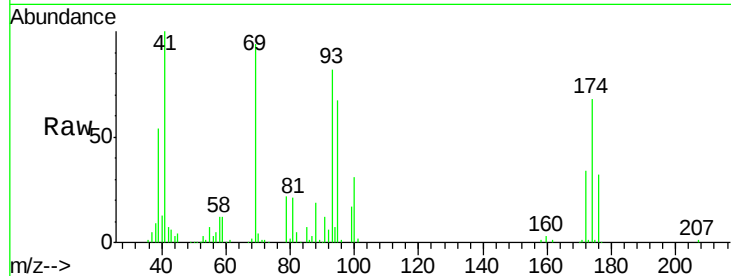
#49
1,4-Dioxane
Concen: 876.308 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	88	Resp	12007
Ion Ratio	Lower	Upper	
88	100		
43	30.0	27.2	40.8
58	63.4	59.8	89.8

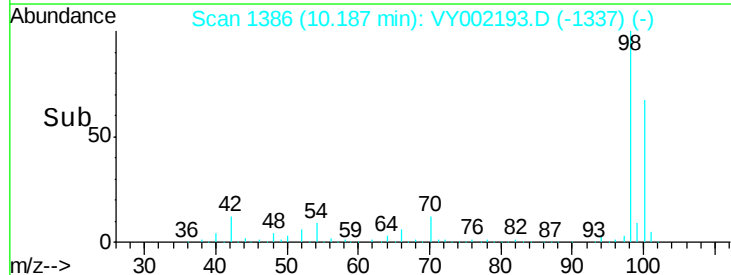
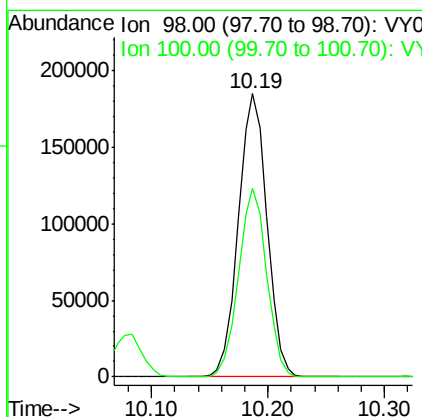
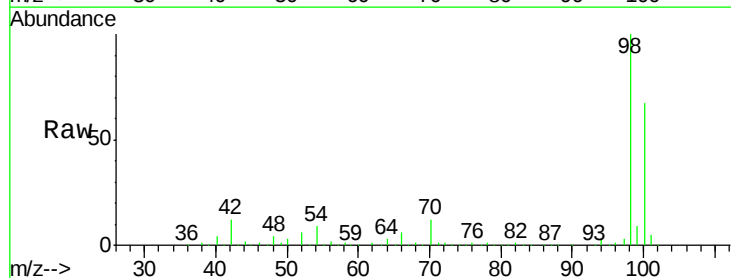
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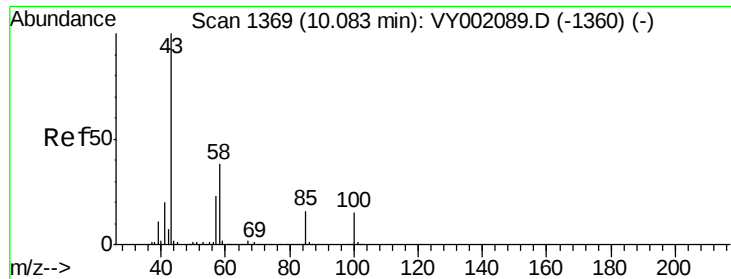
MMDadoda
4/6/2020 11:28:29 AM



#50
Toluene-d8
Concen: 49.961 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	98	Resp	316949
Ion Ratio	Lower	Upper	
98	100		
100	65.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 216.809 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion: 43 Resp: 322788

Ion Ratio Lower Upper

43 100

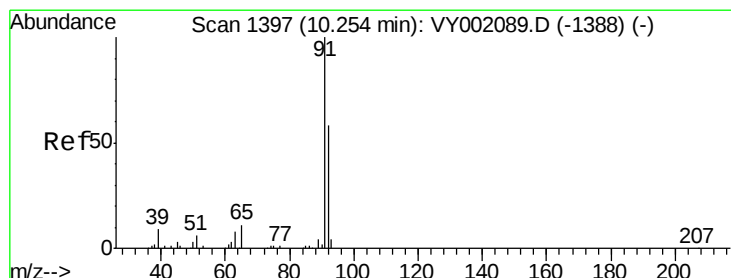
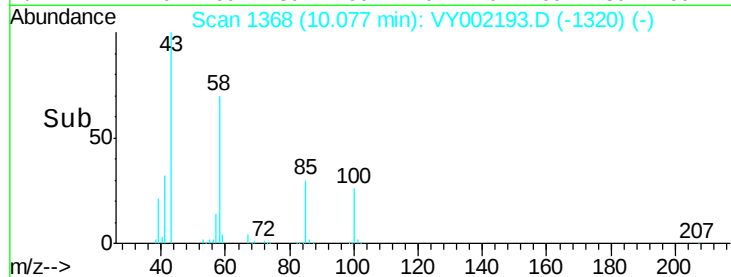
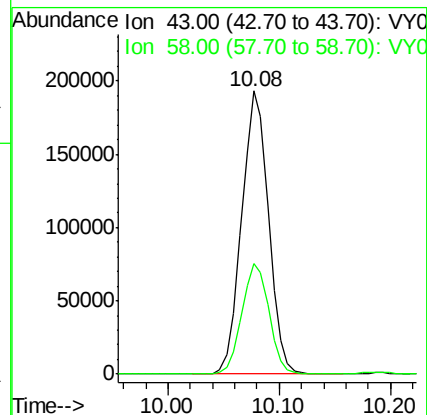
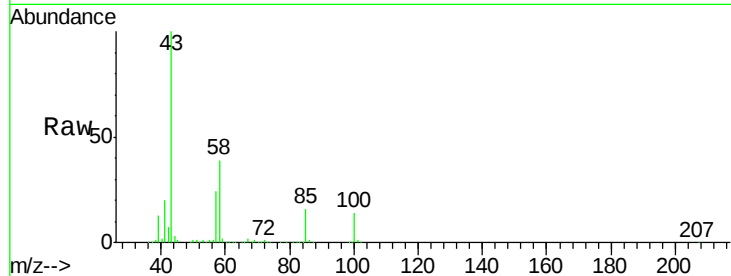
58 39.3 31.6 47.4

Manual Integrations

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MMDadoda

4/6/2020 11:28:29 AM



#52

Toluene

Concen: 49.029 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002193.D

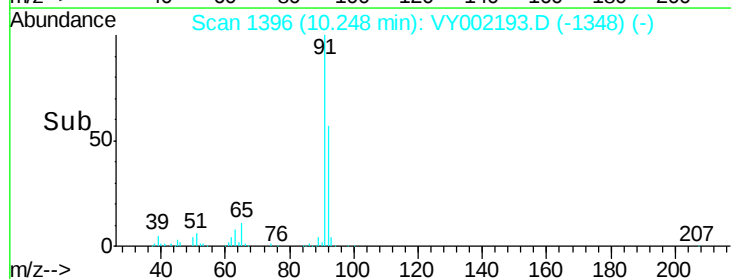
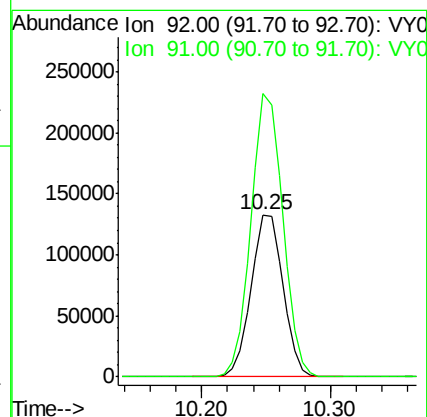
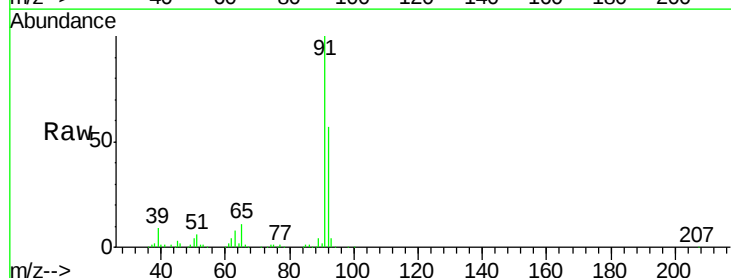
Acq: 02 Apr 2020 15:37

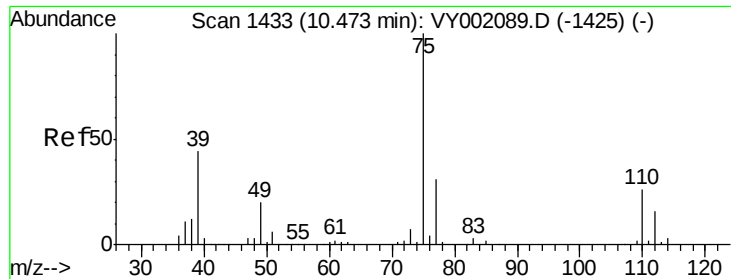
Tgt Ion: 92 Resp: 226436

Ion Ratio Lower Upper

92 100

91 174.6 139.3 208.9





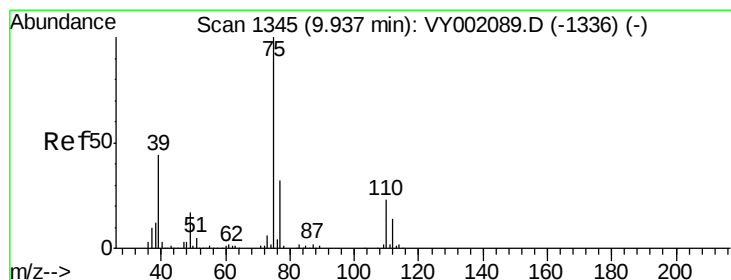
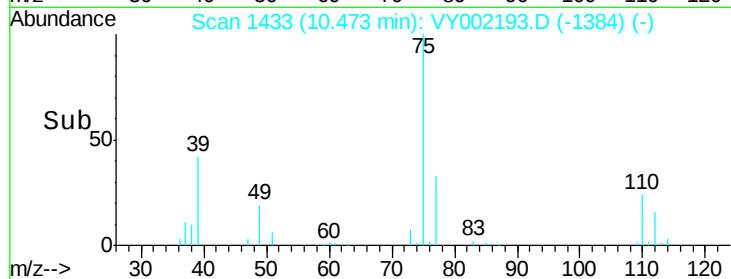
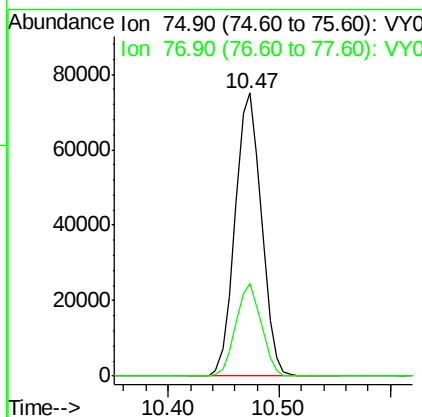
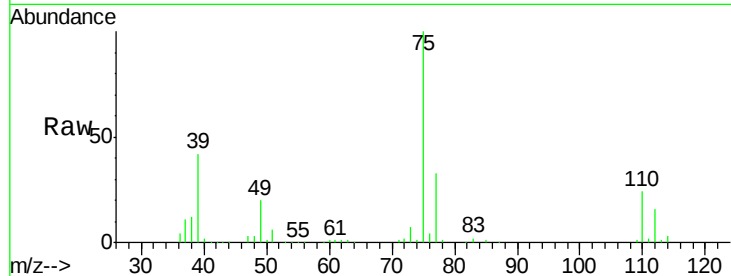
#53
t-1,3-Dichloropropene
Concen: 47.646 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.2	37.8

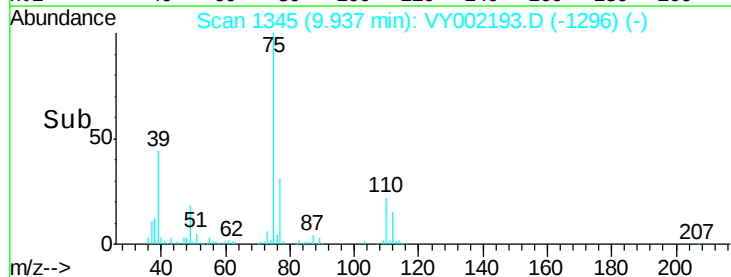
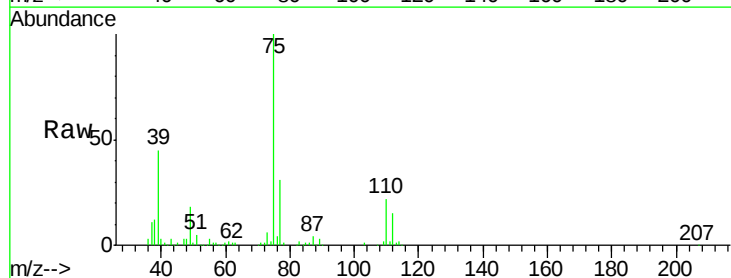
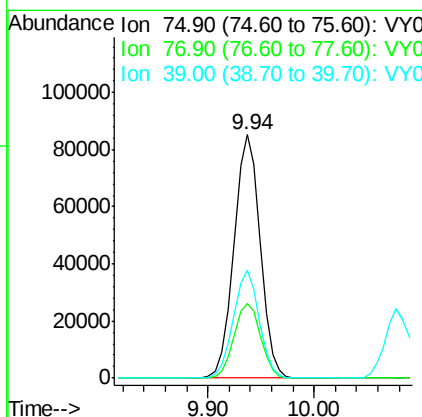
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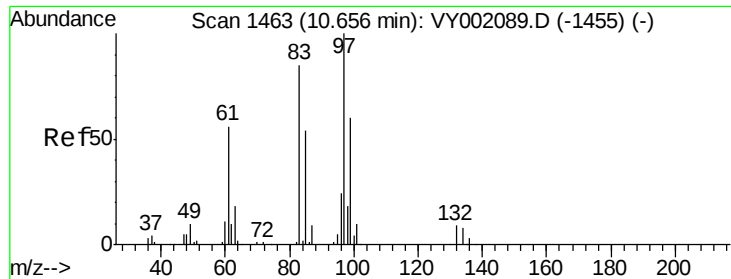
MMDadoda
4/6/2020 11:28:29 AM



#54
cis-1,3-Dichloropropene
Concen: 48.445 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.6	38.4
39	44.5	35.2	52.8





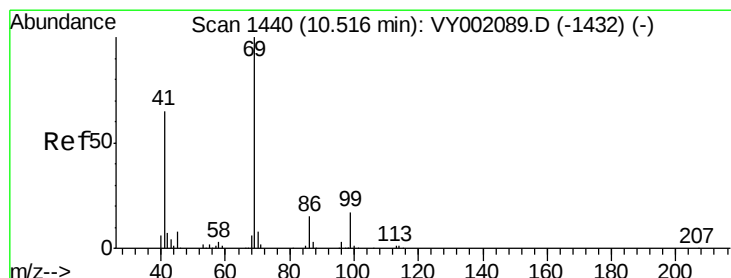
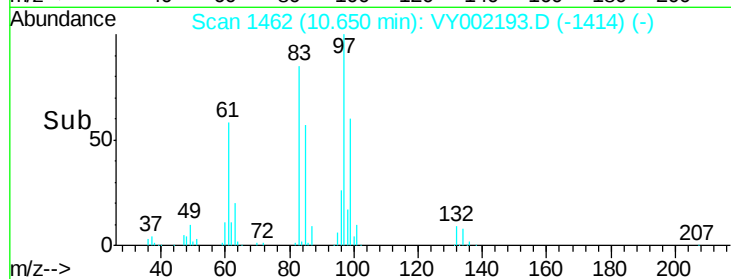
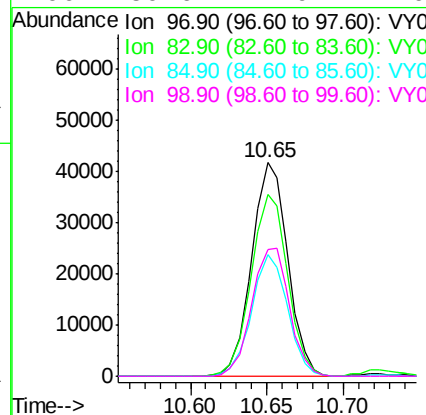
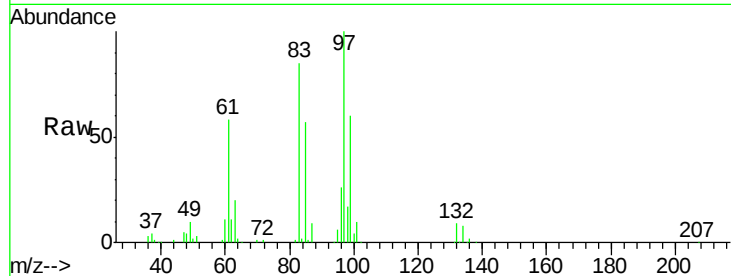
#55
 1,1,2-Trichloroethane
 Concen: 46.310 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)MSD

Tot Ion:	97	Resp:	68438
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.2	102.2
85	56.8	42.9	64.3
99	59.6	47.9	71.9

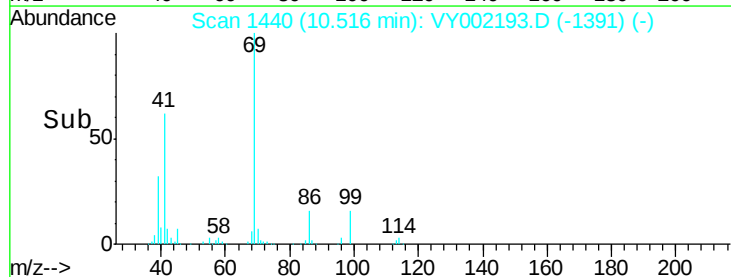
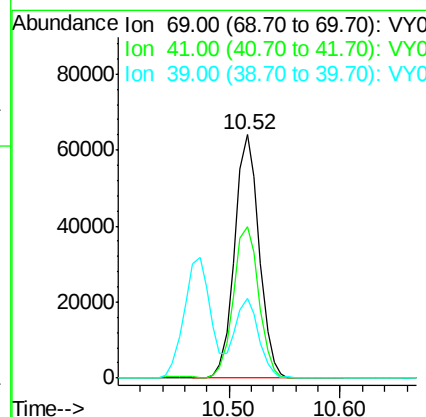
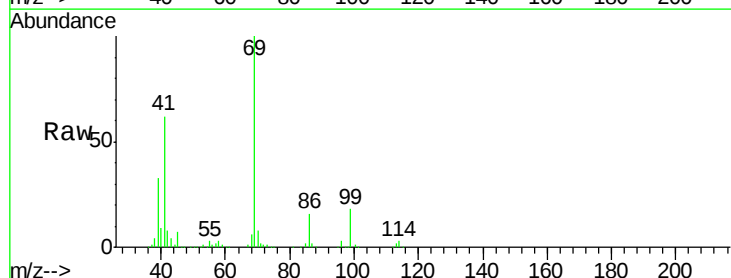
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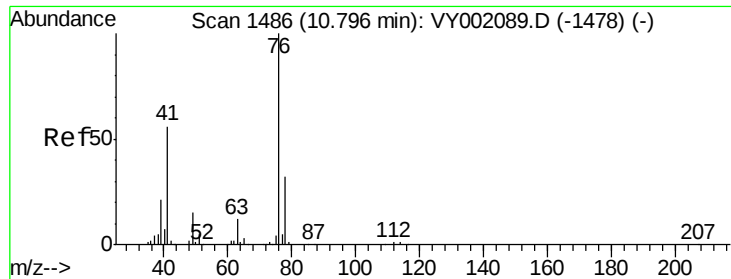
MMDadoda
 4/6/2020 11:28:29 AM



#56
 Ethyl methacrylate
 Concen: 45.347 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion:	69	Resp:	97881
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.8	79.2
39	30.9	25.0	37.6





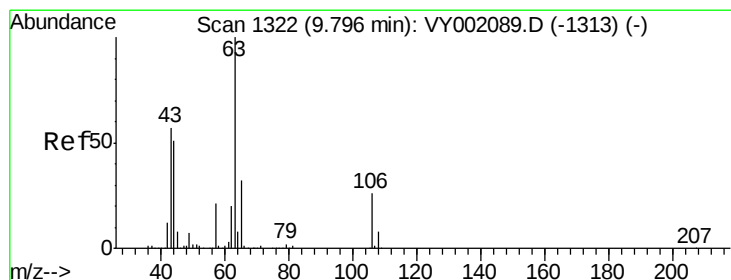
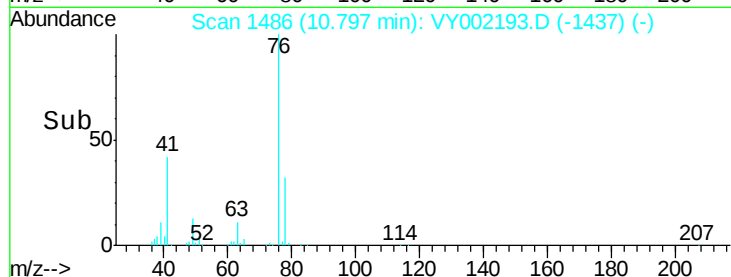
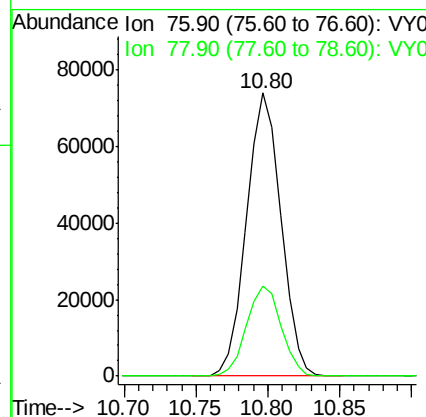
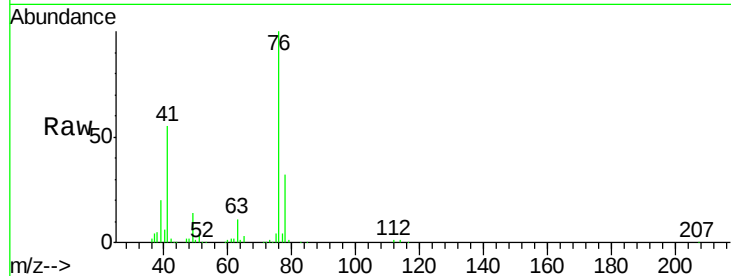
#57
 1,3-Dichloropropane
 Concen: 46.915 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.1	39.1

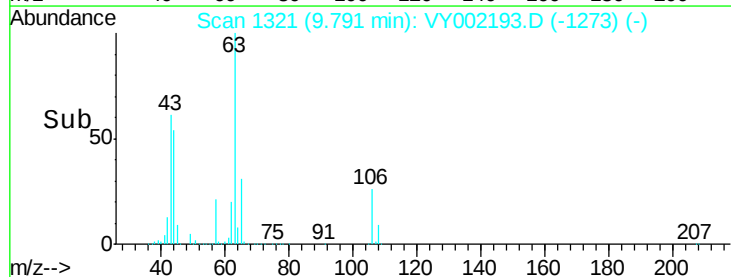
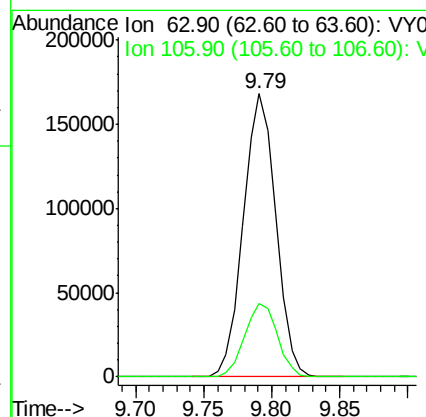
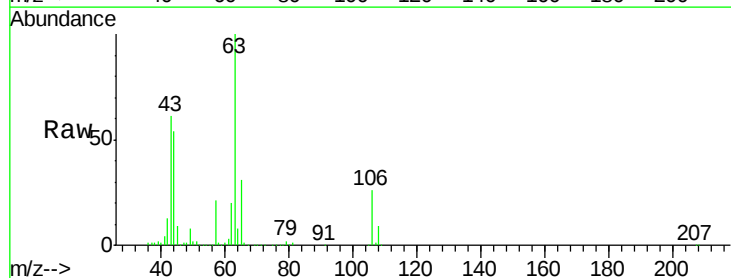
Manual Integrations
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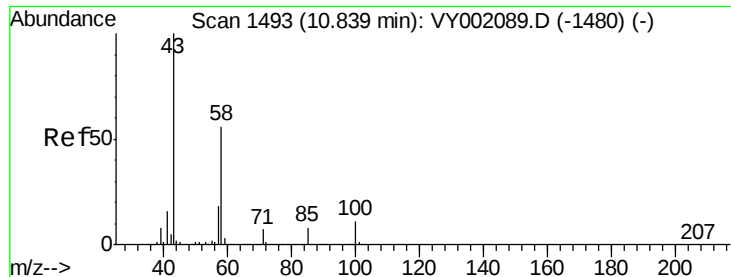
MMDadoda
 4/6/2020 11:28:29 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.442 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.0	31.4





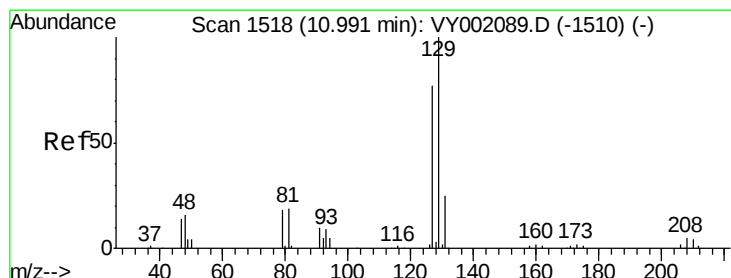
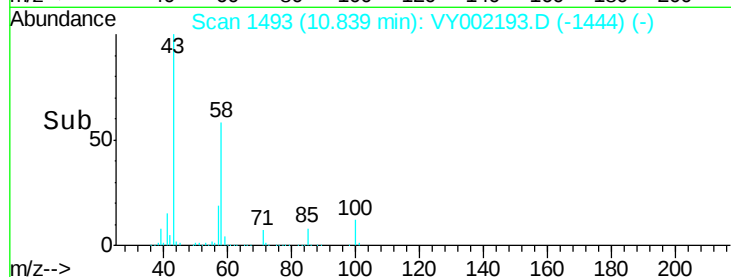
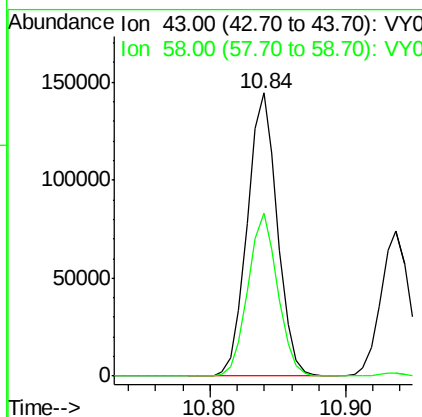
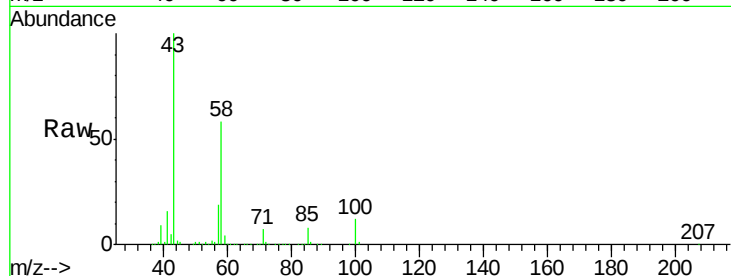
#59
2-Hexanone
Concen: 213.215 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion: 43 Resp: 223608
Ion Ratio Lower Upper
43 100
58 56.9 27.9 83.6

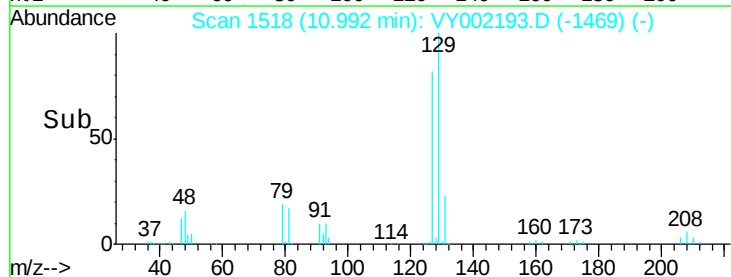
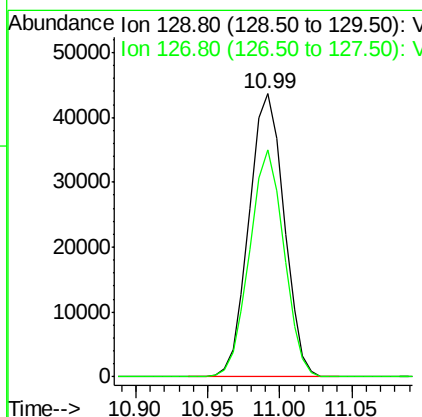
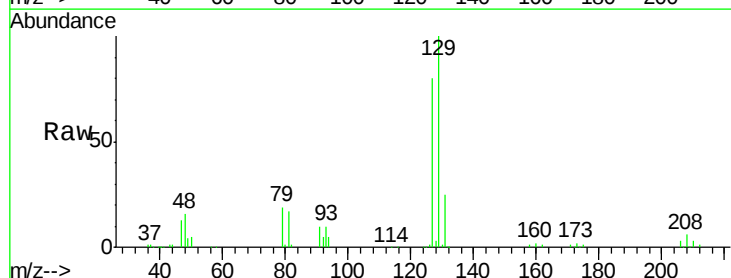
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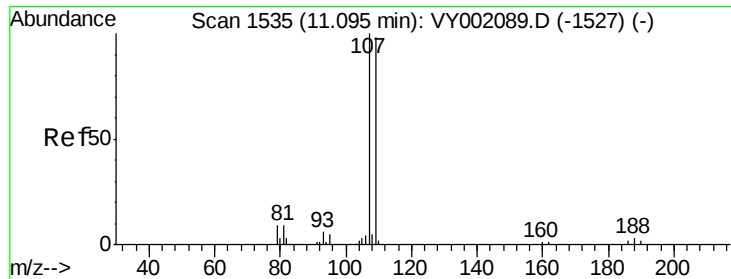
MMDadoda
4/6/2020 11:28:29 AM



#60
Dibromochloromethane
Concen: 47.639 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 129 Resp: 73670
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1





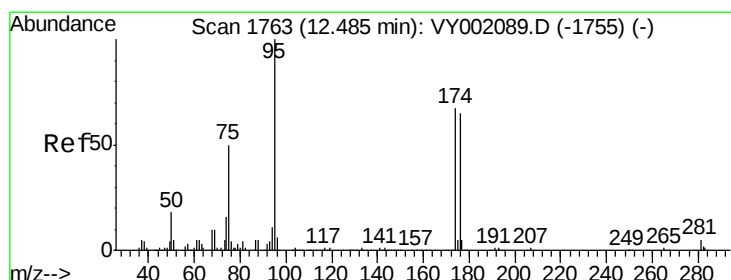
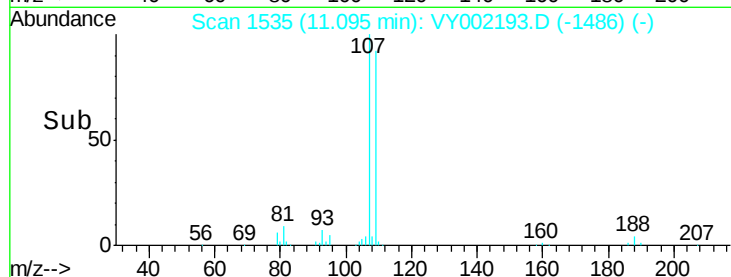
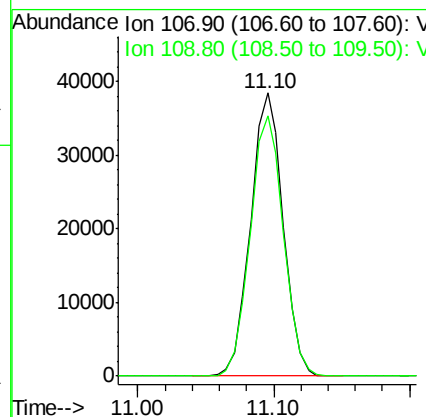
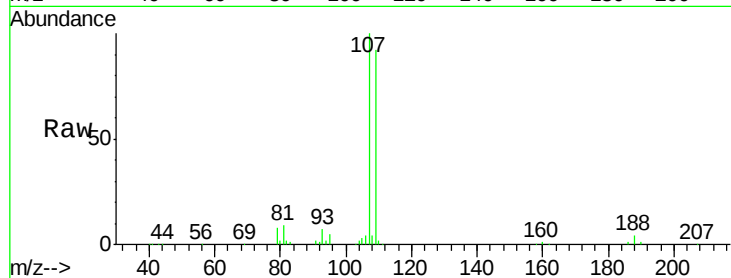
#61
 1,2-Dibromoethane
 Concen: 46.485 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.3	114.5

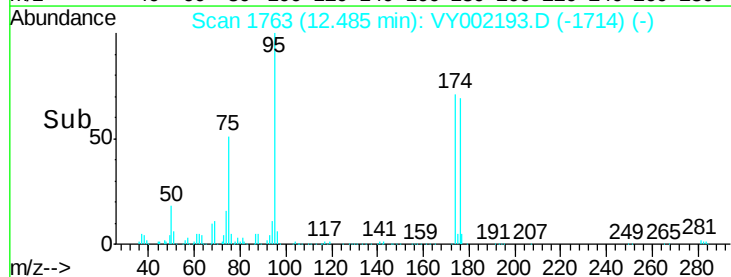
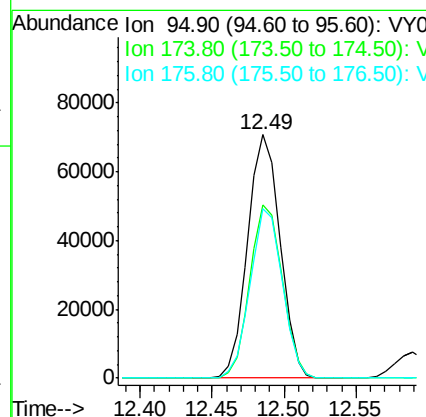
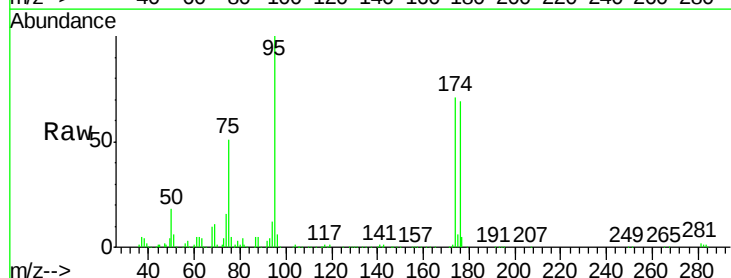
Manual Integrations
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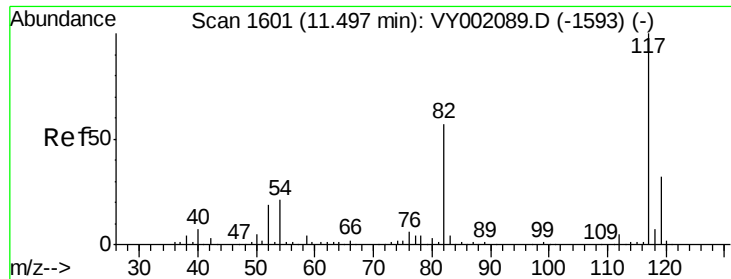
MMDadoda
 4/6/2020 11:28:29 AM



#62
 4-Bromofluorobenzene
 Concen: 49.812 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	143.4
176	69.1	0.0	137.0





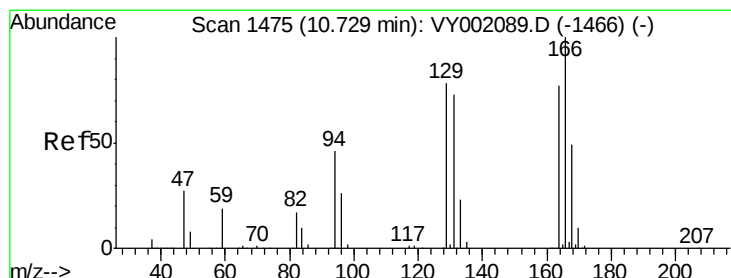
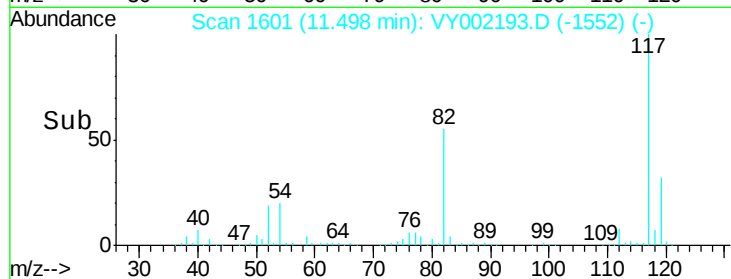
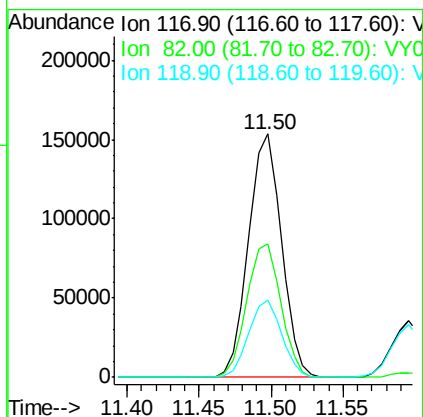
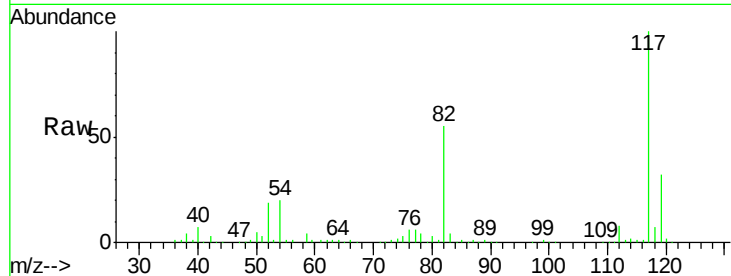
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.4	68.2
119	31.8	25.3	37.9

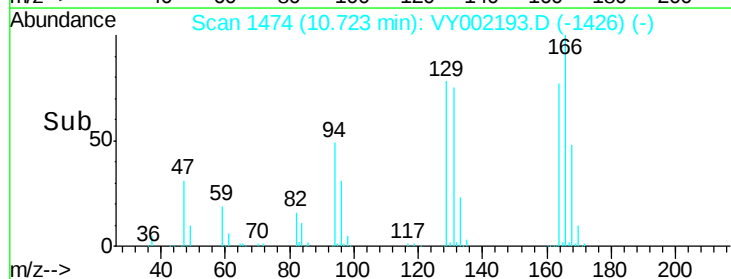
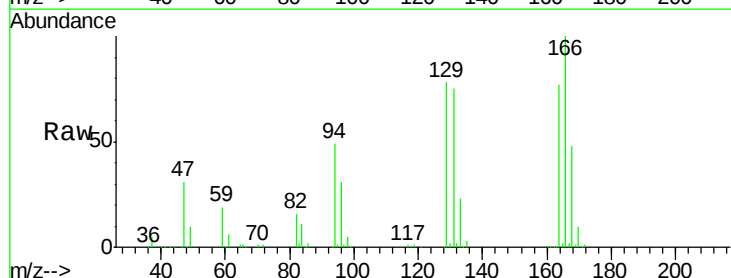
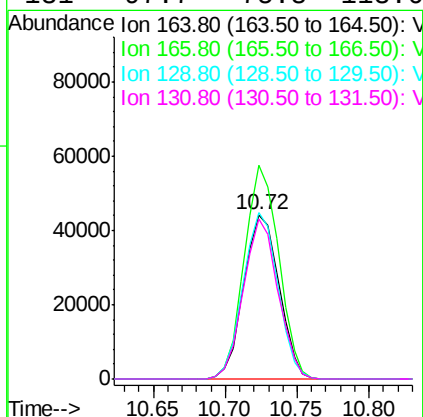
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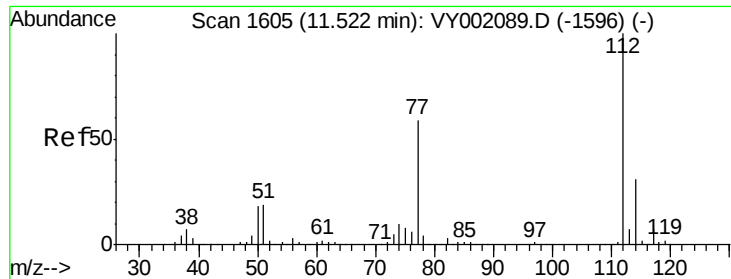
MMDadoda
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#64
Tetrachloroethene
Concen: 50.391 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	104.0	156.0
129	101.4	81.2	121.8
131	97.7	75.8	113.6





#65

Chlorobenzene

Concen: 49.196 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:112 Resp: 231236

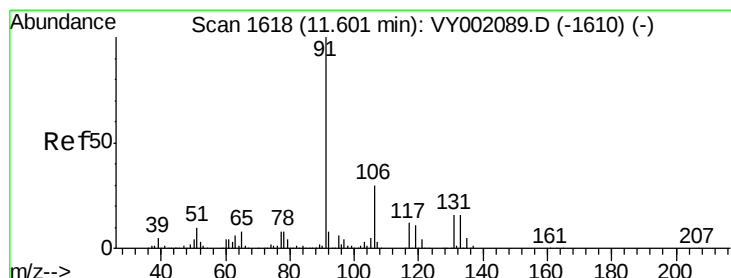
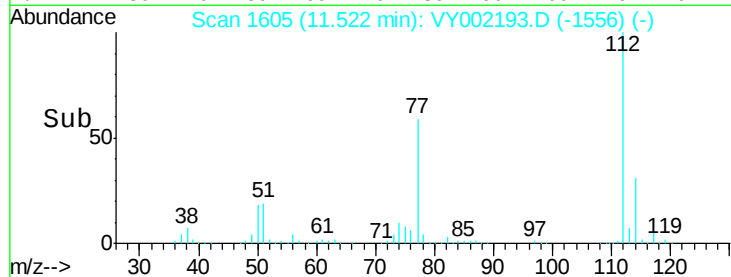
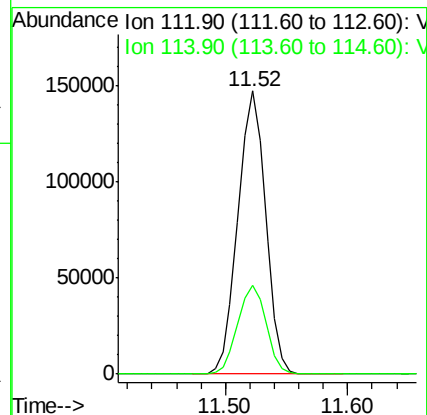
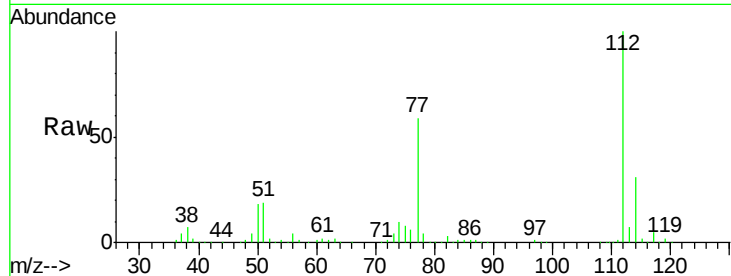
Ion Ratio Lower Upper

112 100

114 31.2 24.9 37.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 49.111 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

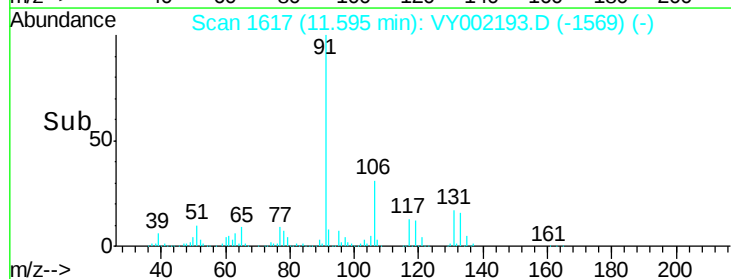
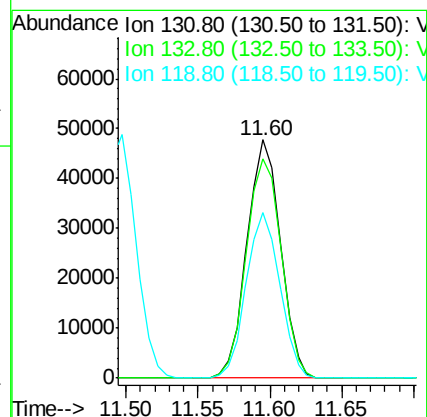
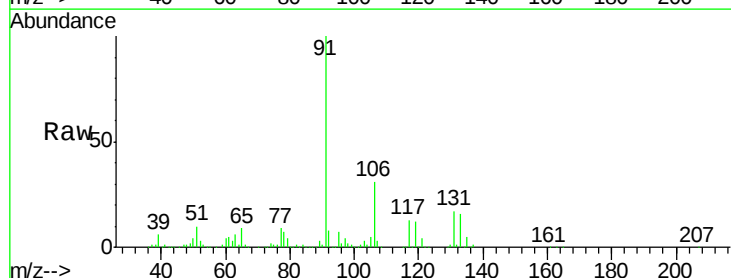
Tgt Ion:131 Resp: 77227

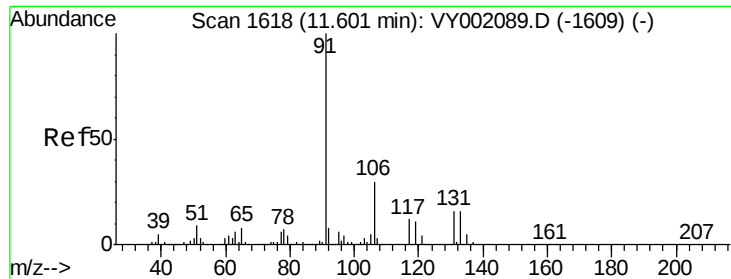
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.5

119 69.6 34.6 103.9





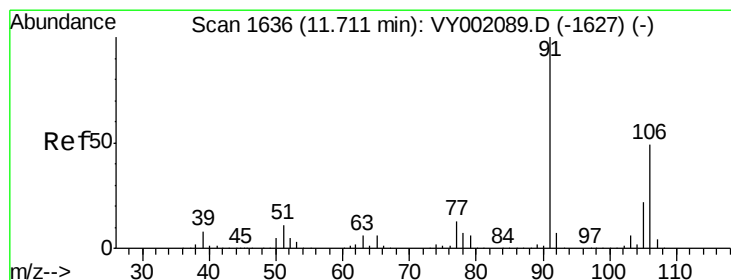
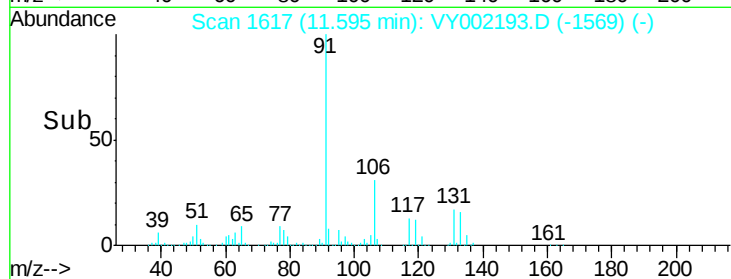
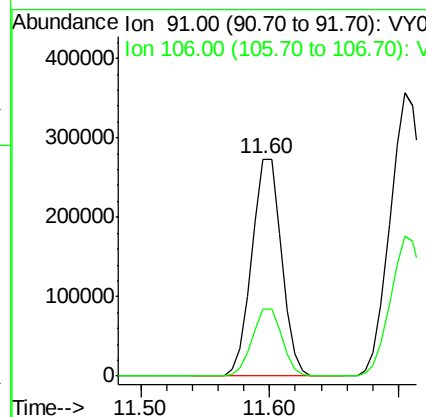
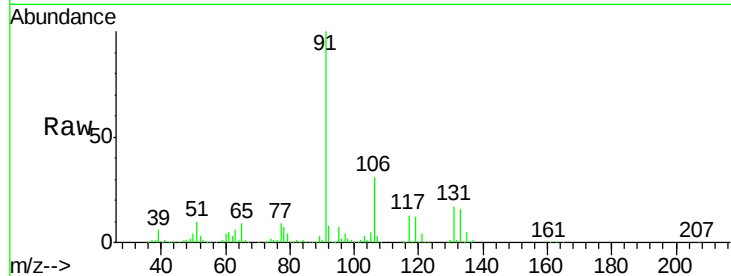
#67
Ethyl Benzene
Concen: 49.748 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion: 91 Resp: 434287
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1

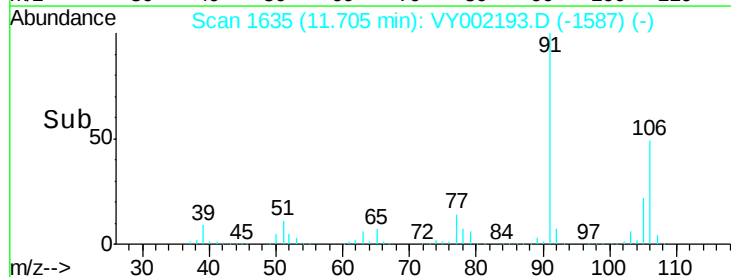
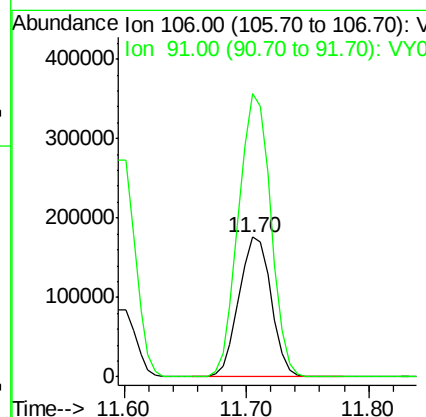
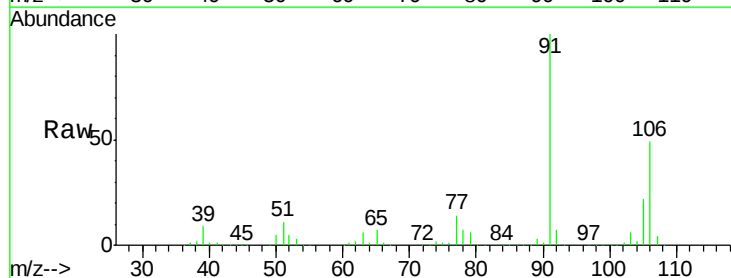
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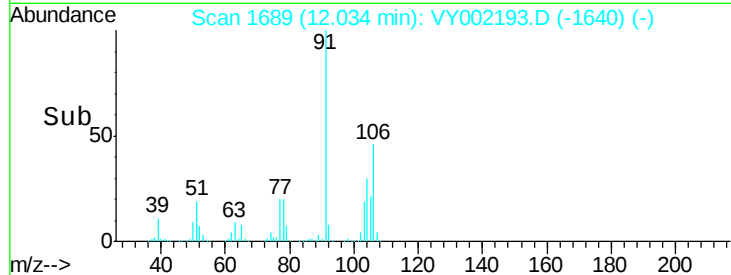
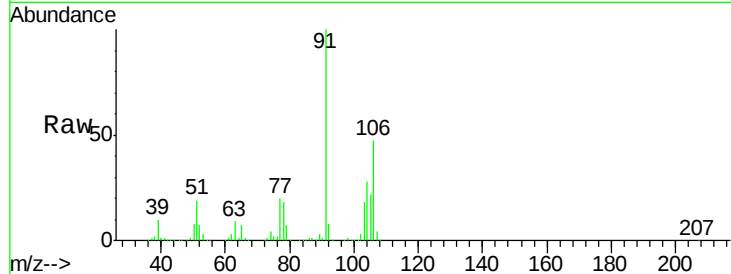
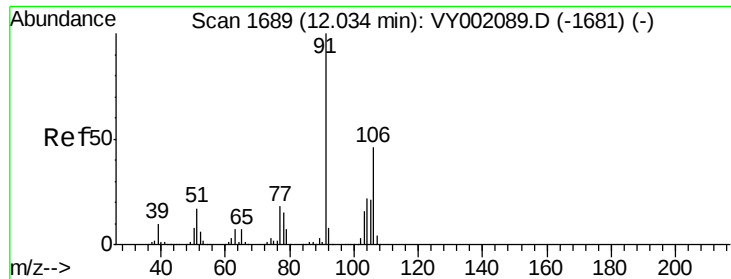
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#68
m/p-Xylenes
Concen: 99.615 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 106 Resp: 321529
Ion Ratio Lower Upper
106 100
91 203.0 162.8 244.2





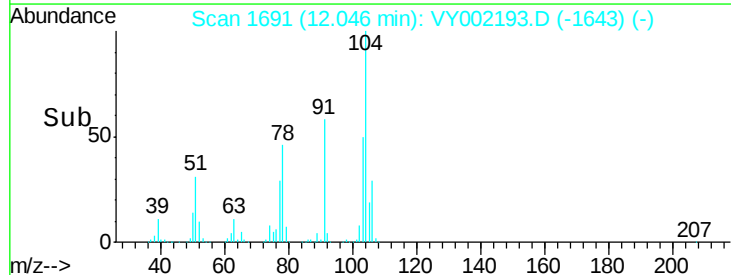
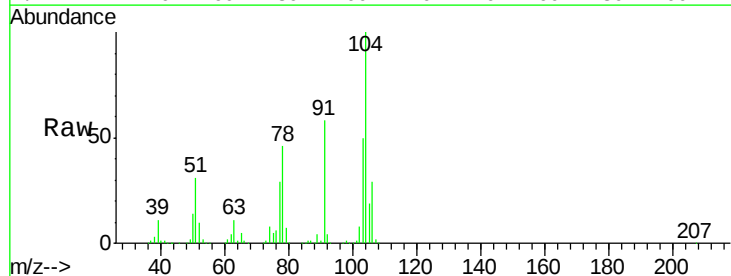
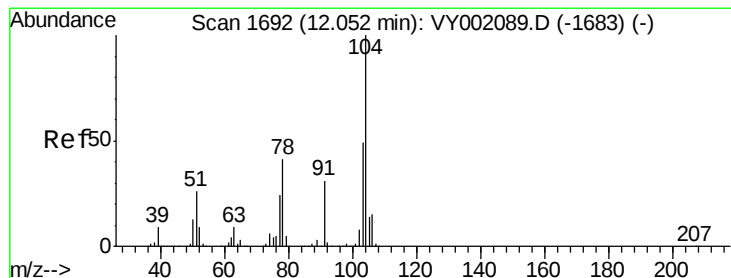
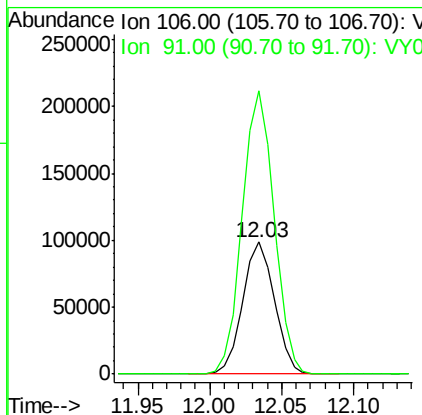
#69
o-Xylene
Concen: 49.172 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tot Ion	Ratio	Resp	Lower	Upper
106	100	150558		
91	215.0	107.3	321.8	

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

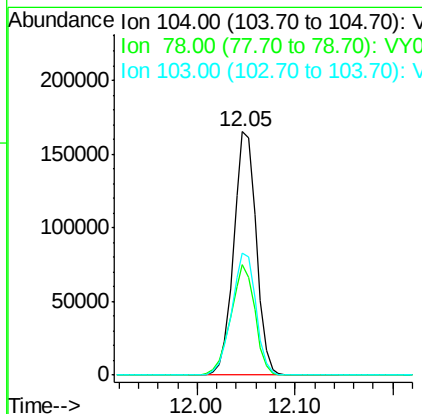
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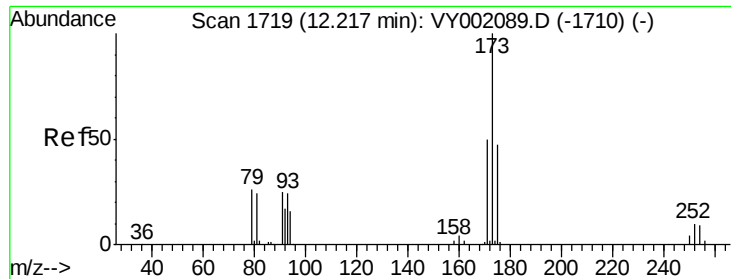
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#70
Styrene
Concen: 49.666 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	263509		
78	48.3	37.9	56.9	
103	53.6	43.2	64.8	





#71

Bromoform

Concen: 46.443 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

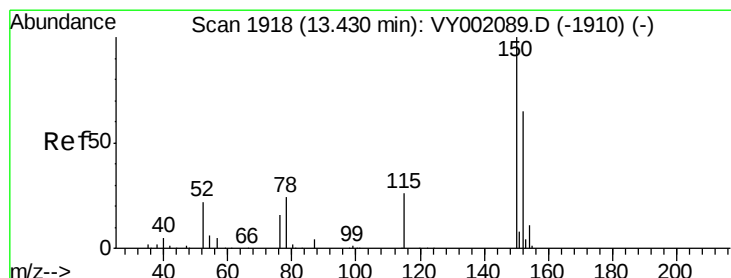
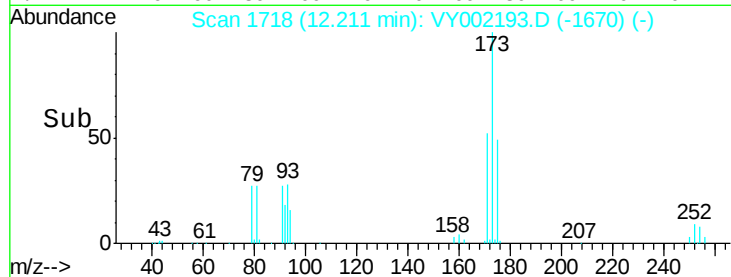
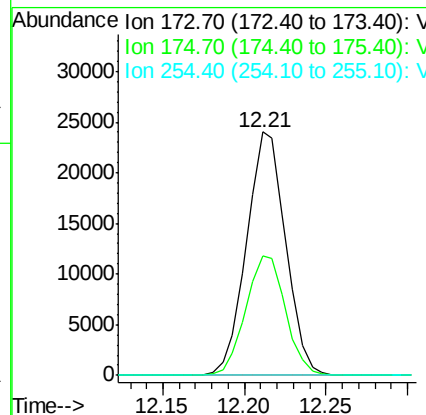
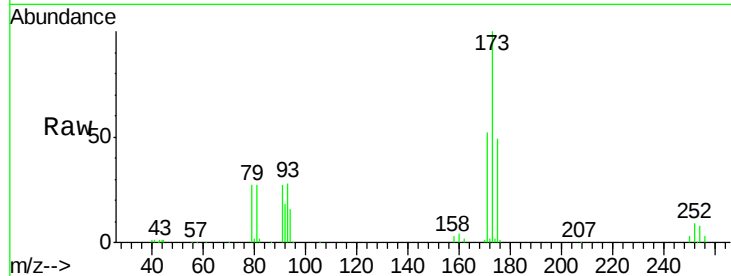
ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:	173	Resp:	40000
Ion Ratio	Lower	Upper	
173	100		
175	49.7	23.9	71.8
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

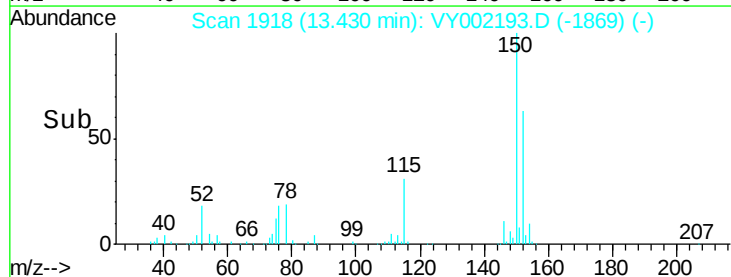
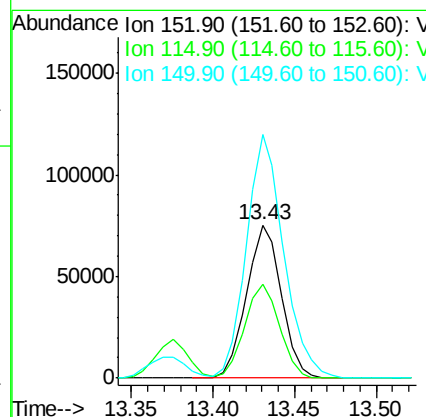
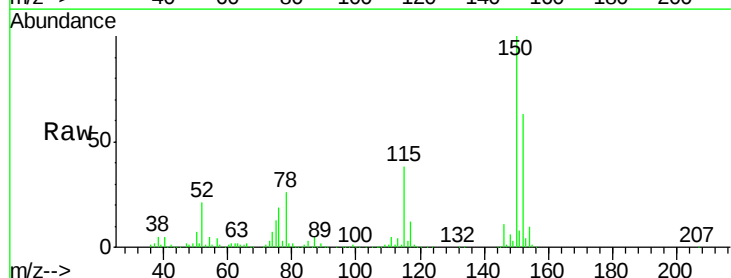
RT: 13.43 min Scan# 1918

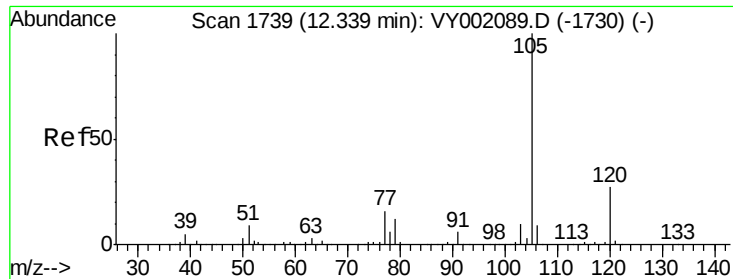
Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion:	152	Resp:	111845
Ion Ratio	Lower	Upper	
152	100		
115	61.6	31.2	93.6
150	170.6	0.0	354.8





#73

Isopropylbenzene

Concen: 49.303 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:105 Resp: 409052

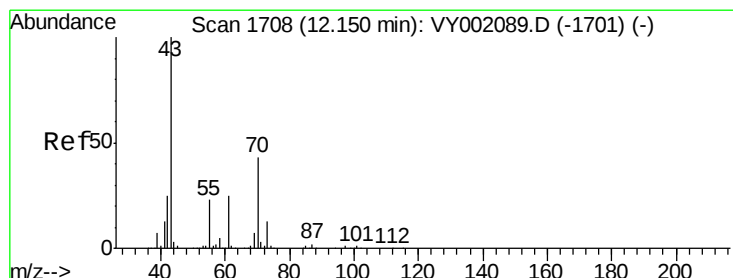
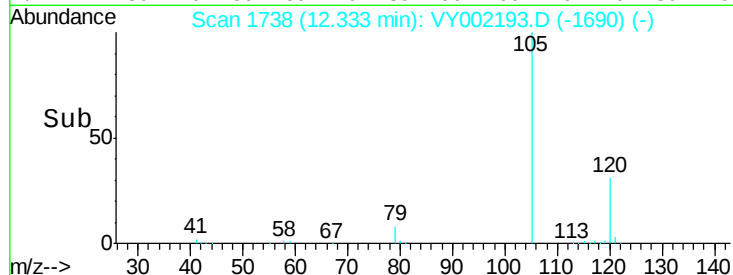
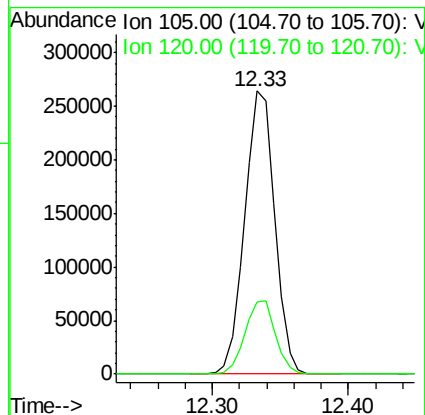
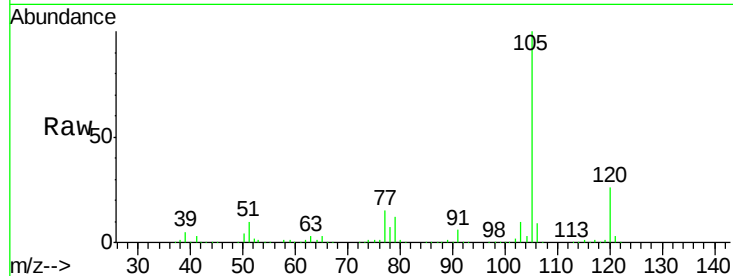
Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8

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#74

N-ethyl acetate

Concen: 44.056 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion: 43 Resp: 115283

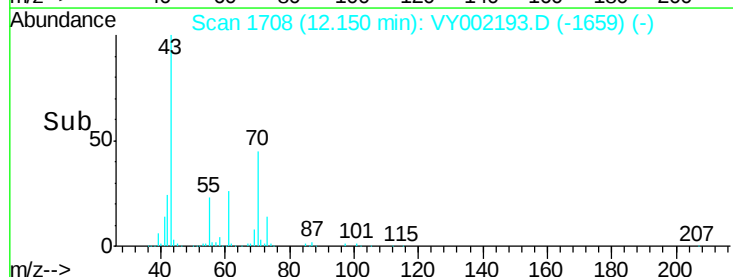
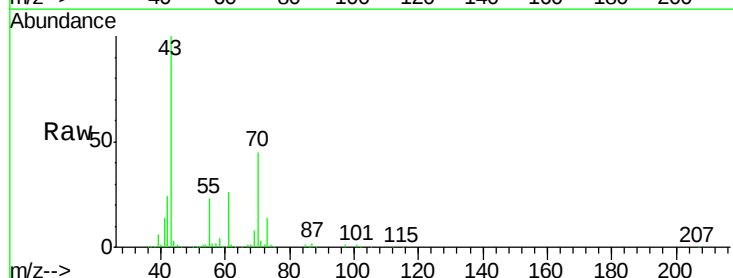
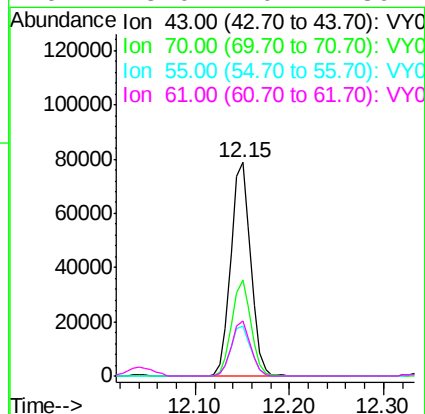
Ion Ratio Lower Upper

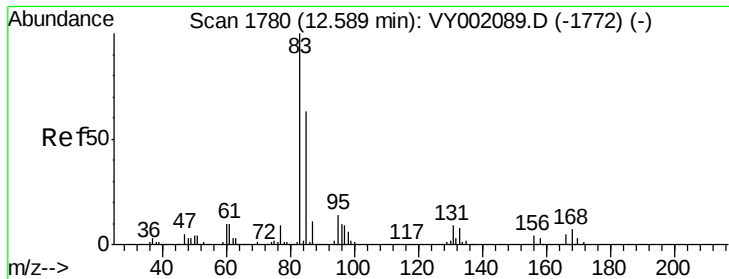
43 100

70 43.6 35.0 52.4

55 23.6 18.7 28.1

61 25.0 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.859 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

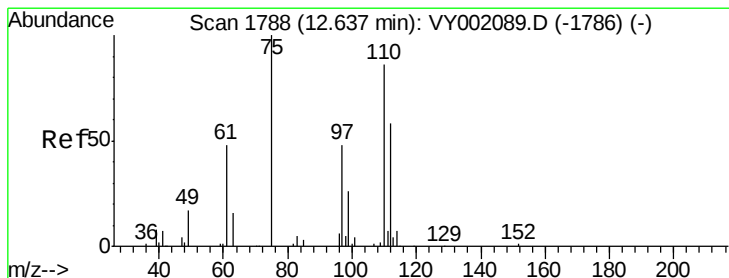
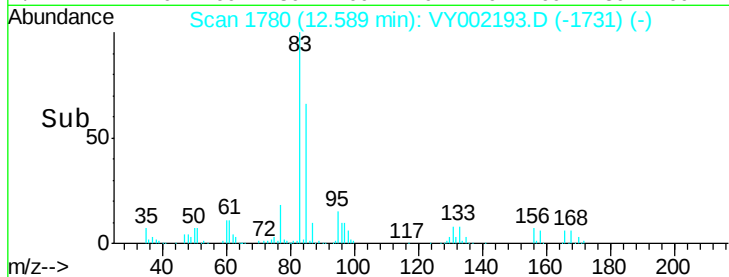
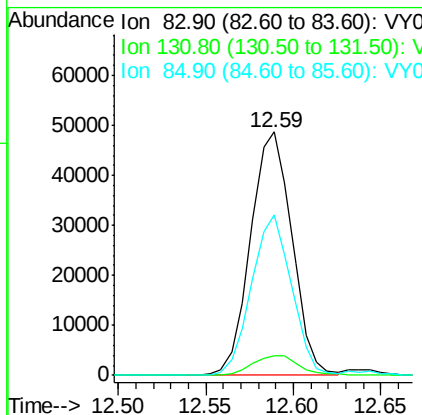
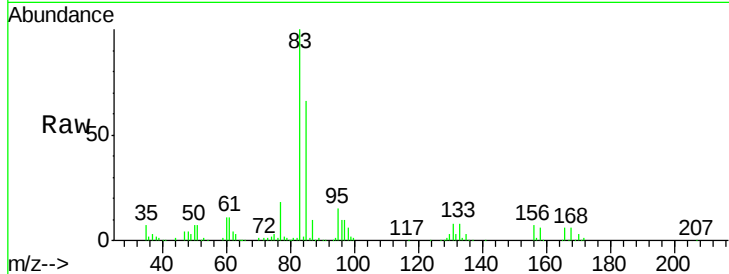
ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:	83	Resp:	80089
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.7	14.1
85	63.7	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 43.821 ug/l m

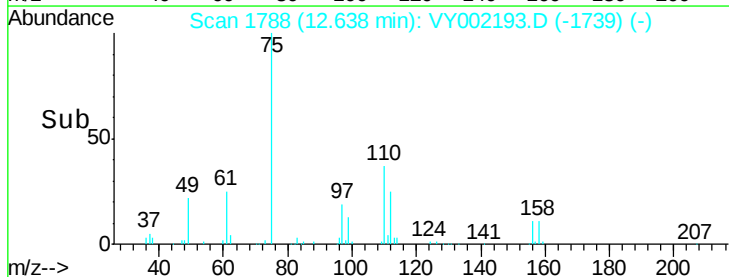
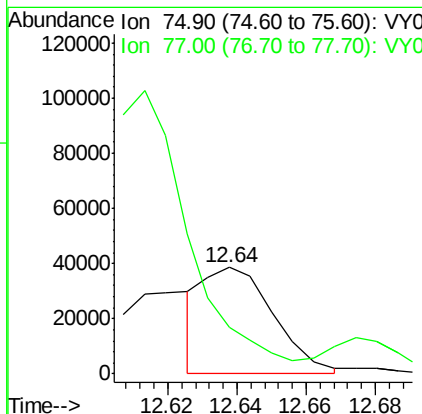
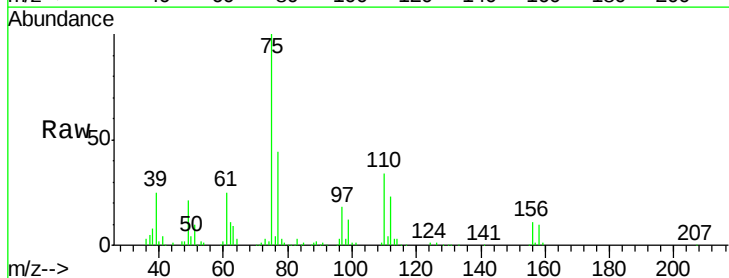
RT: 12.64 min Scan# 1788

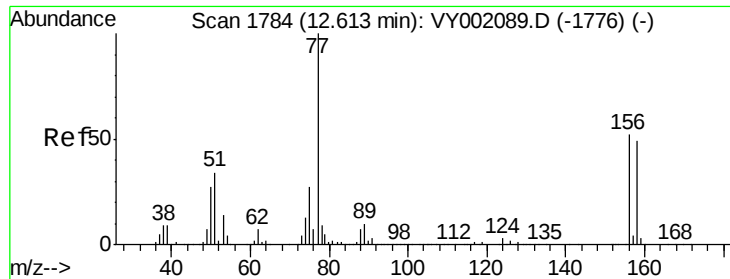
Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion:	75	Resp:	54824
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.036 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:156 Resp: 86849

Ion Ratio Lower Upper

156 100

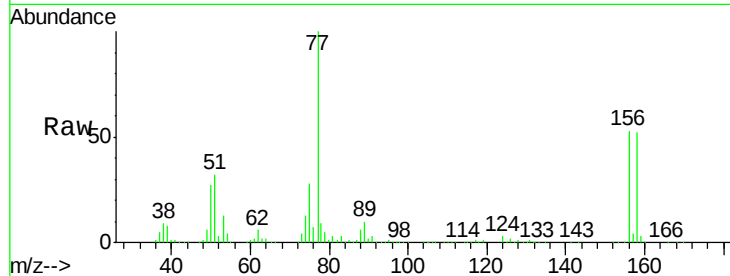
77 211.3 107.8 323.6

158 96.0 47.5 142.6

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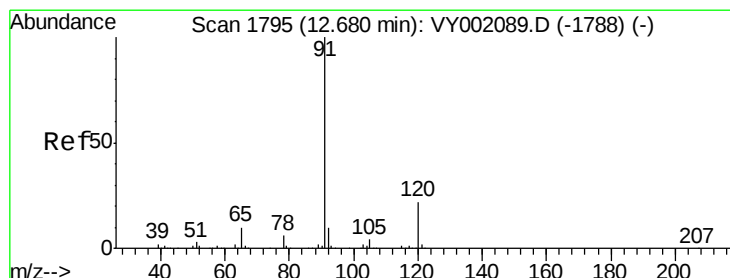
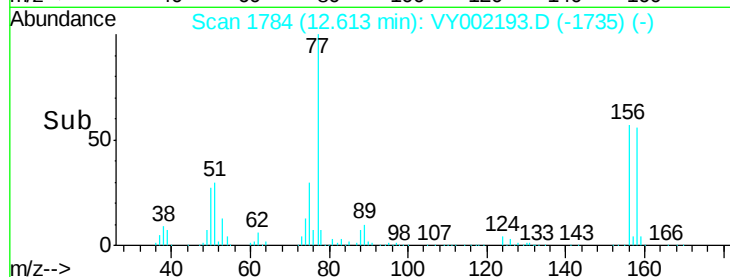
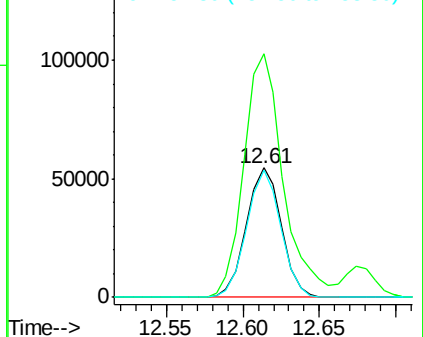
4/6/2020 11:28:29 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.713 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002193.D

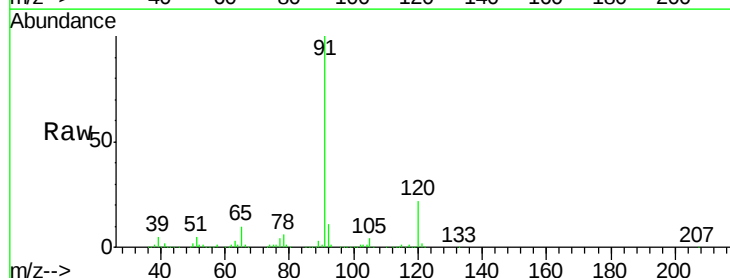
Acq: 02 Apr 2020 15:37

Tgt Ion: 91 Resp: 501555

Ion Ratio Lower Upper

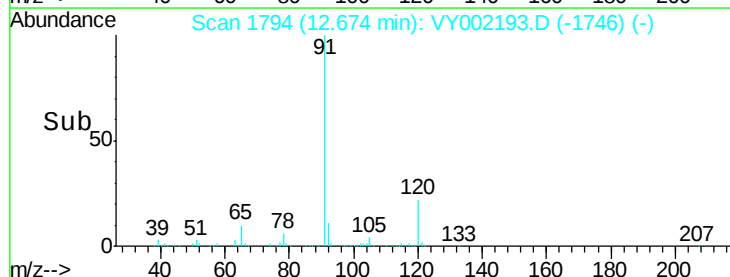
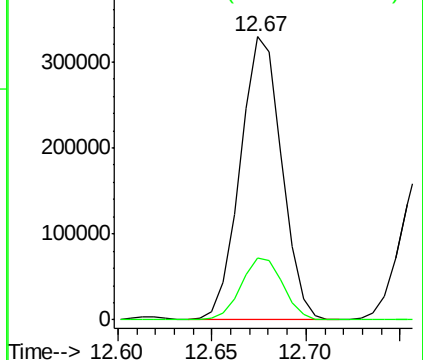
91 100

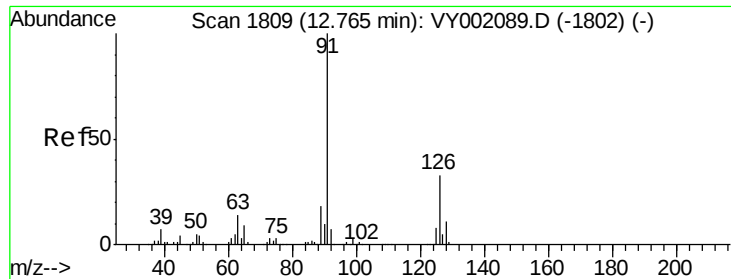
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





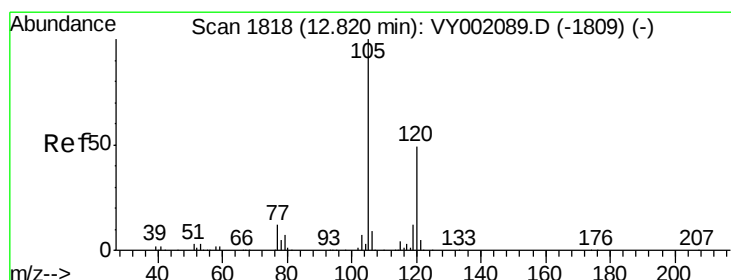
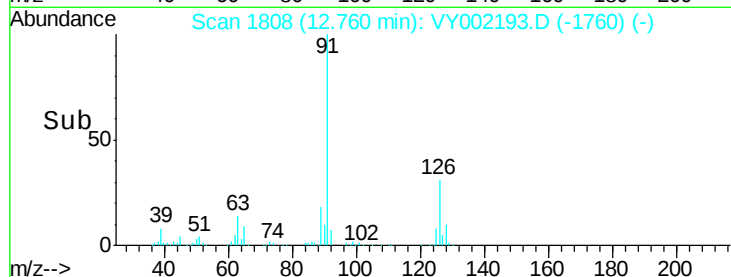
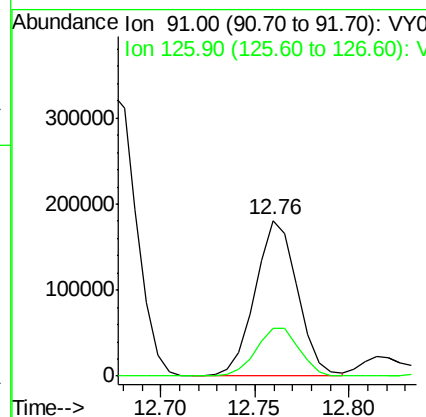
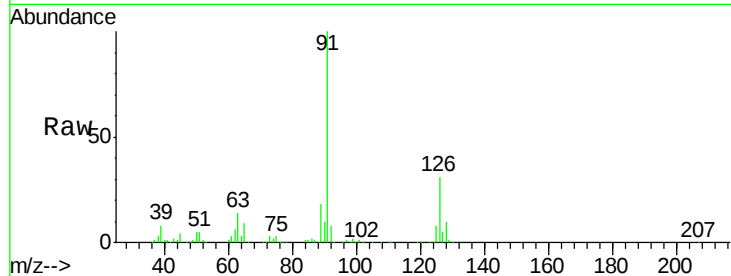
#79
2-Chlorotoluene
Concen: 49.567 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	280210		
126	32.1	16.4	49.1	

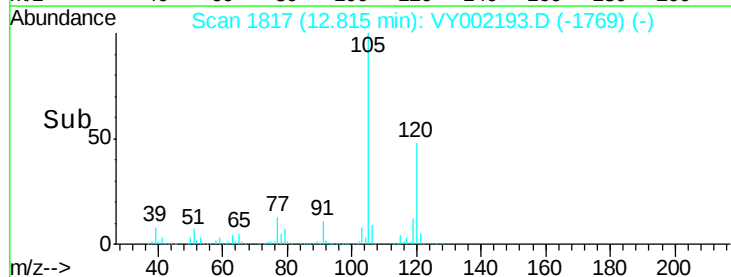
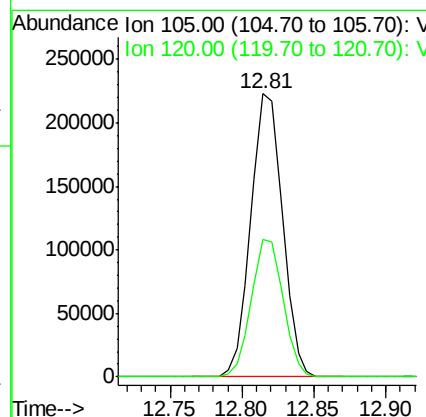
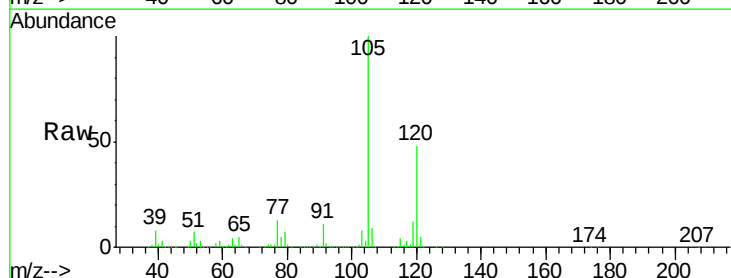
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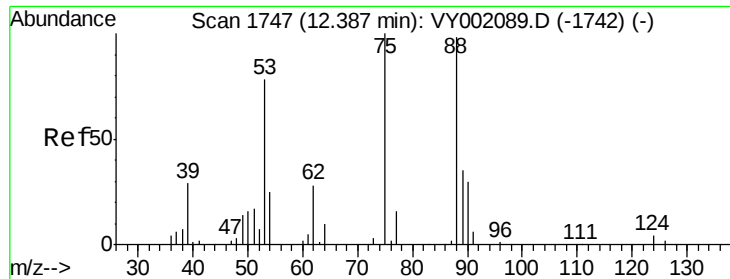
MMDadoda
4/6/2020 11:28:29 AM



#80
1,3,5-Trimethylbenzene
Concen: 49.534 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	339065		
120	48.5	24.1	72.4	





#81

trans-1,4-Dichloro-2-butene

Concen: 43.830 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

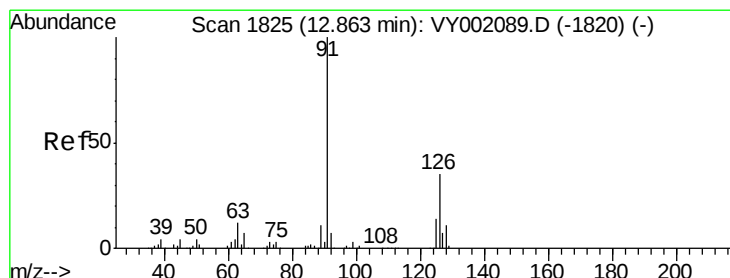
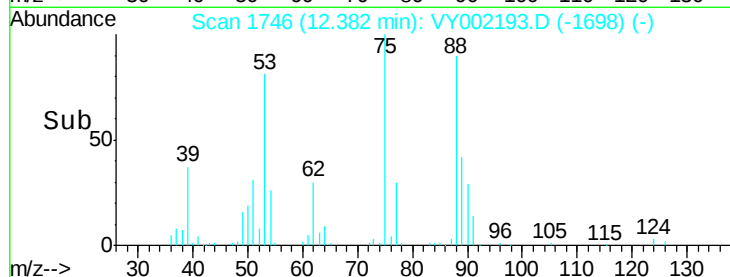
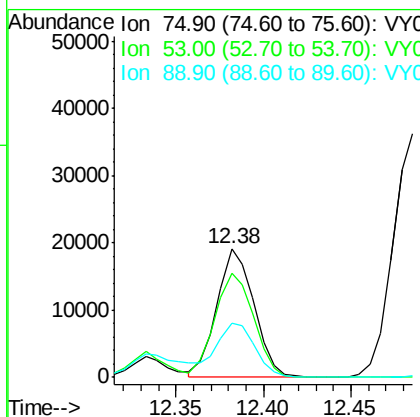
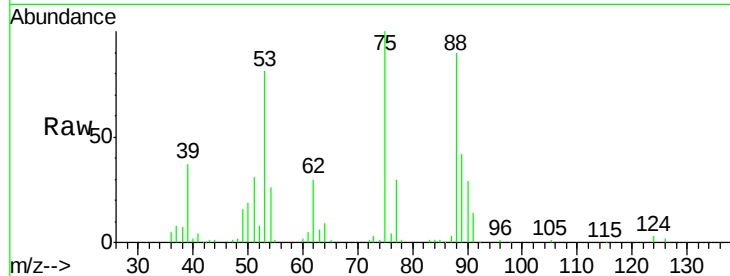
ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:	75	Resp:	28304
Ion Ratio	Lower	Upper	
75	100		
53	84.8	65.0	97.4
89	42.6	33.4	50.0

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#82

4-Chlorotoluene

Concen: 48.345 ug/l

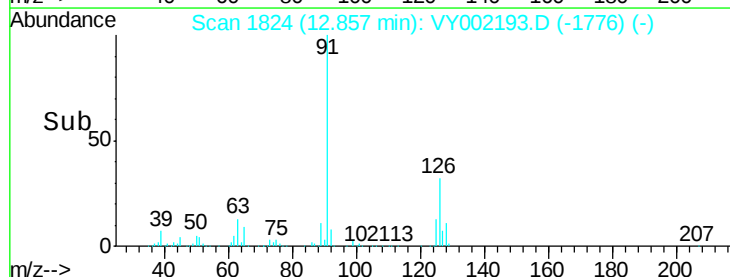
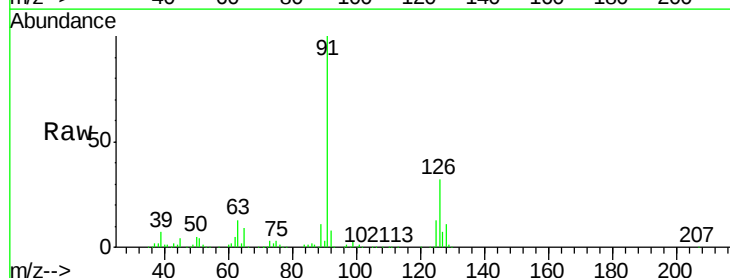
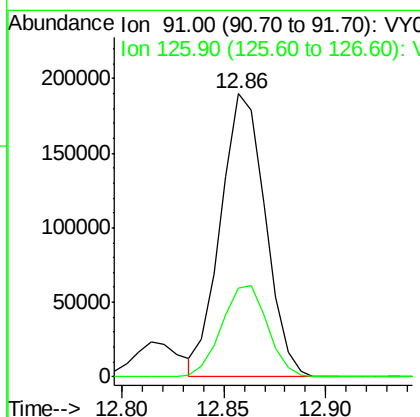
RT: 12.86 min Scan# 1824

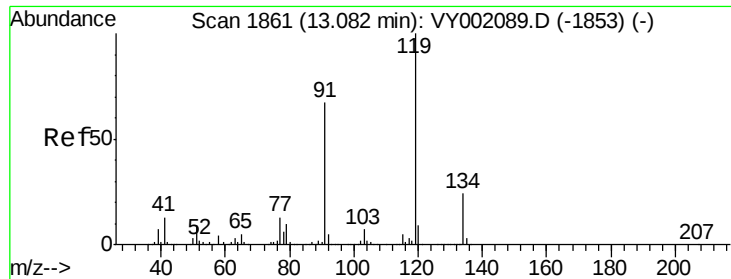
Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion:	91	Resp:	287996
Ion Ratio	Lower	Upper	
91	100		
126	33.2	16.3	48.9





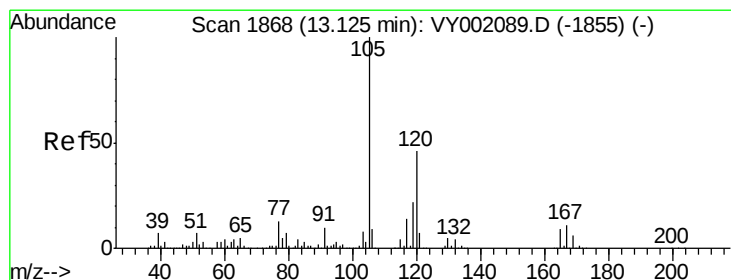
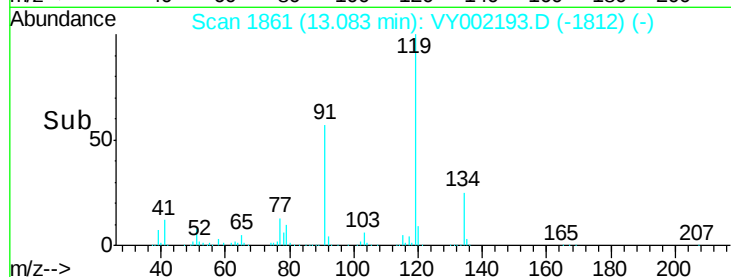
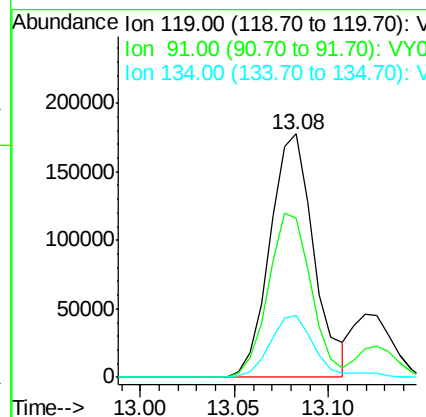
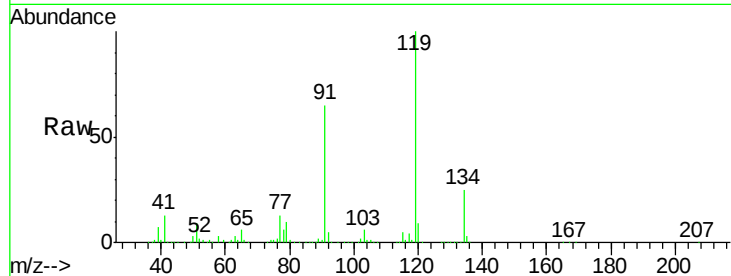
#83
tert-Butylbenzene
Concen: 50.164 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	286621		
91	66.1		32.9	98.6
134	26.0		13.0	38.9

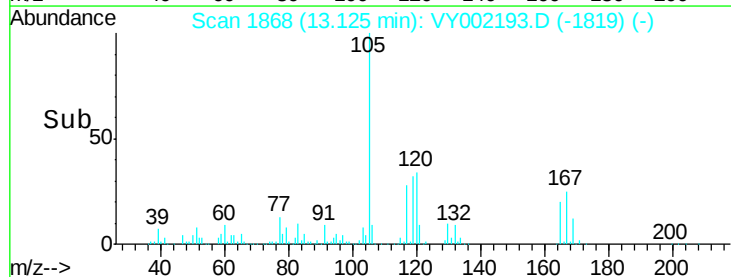
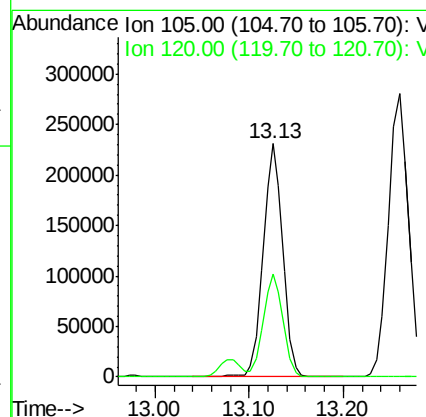
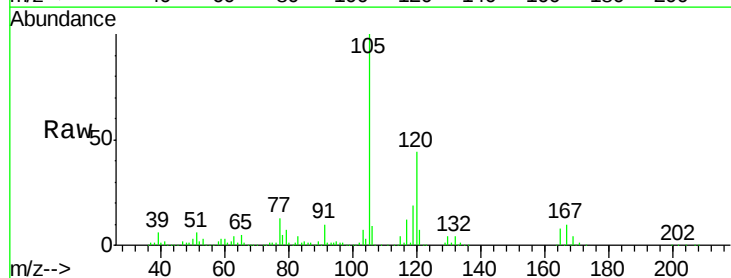
Manual Integrations
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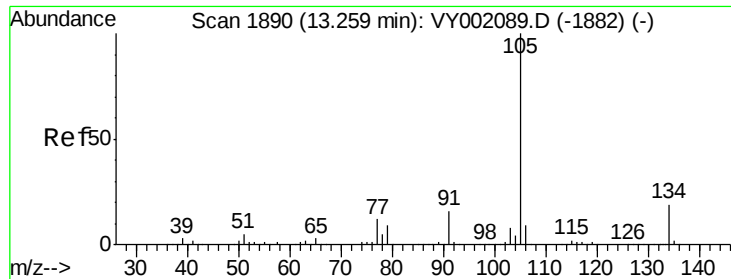
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 49.613 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	338832		
120	43.9		22.9	68.5





#85

sec-Butylbenzene

Concen: 49.201 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:105 Resp: 416386

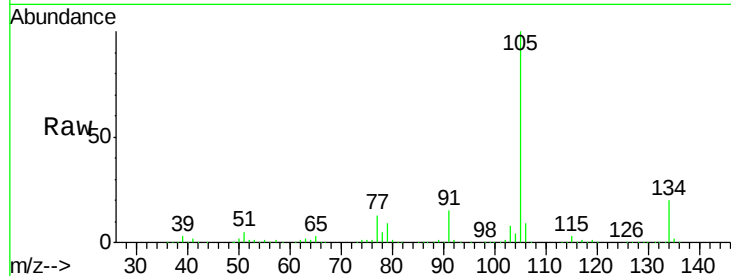
Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1

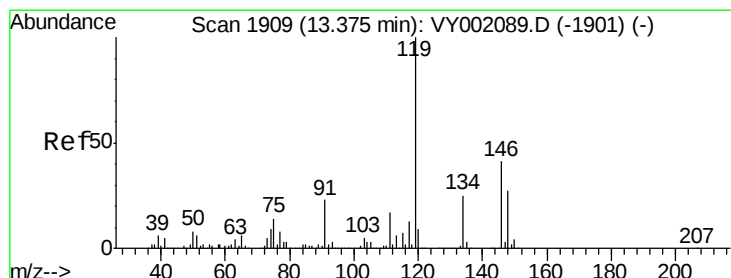
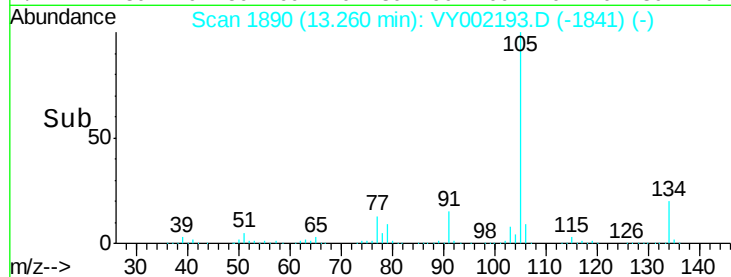
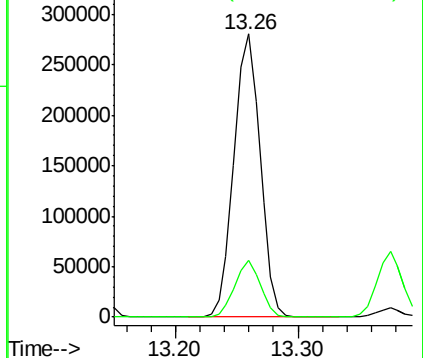
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.173 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

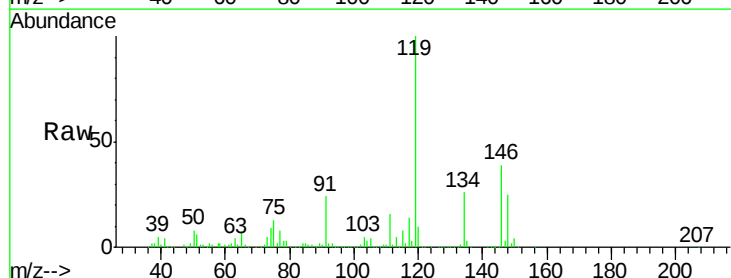
Tgt Ion:119 Resp: 357363

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

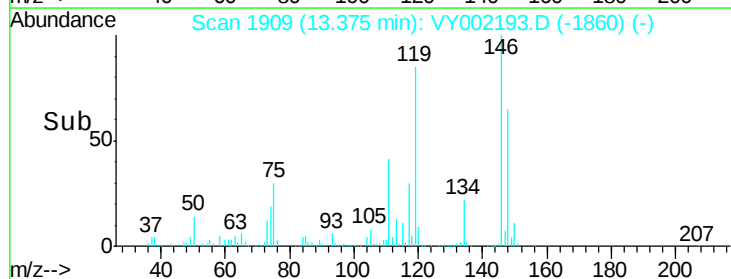
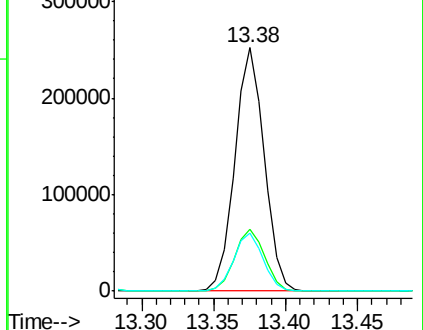
91 23.8 11.8 35.3

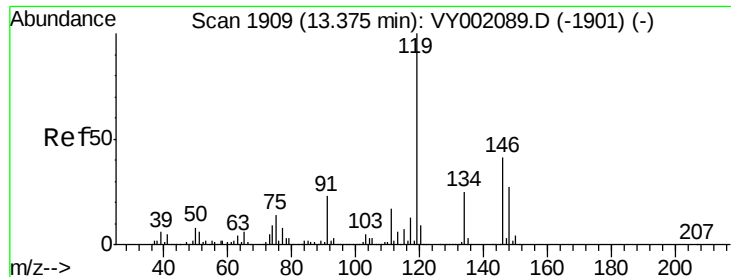


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





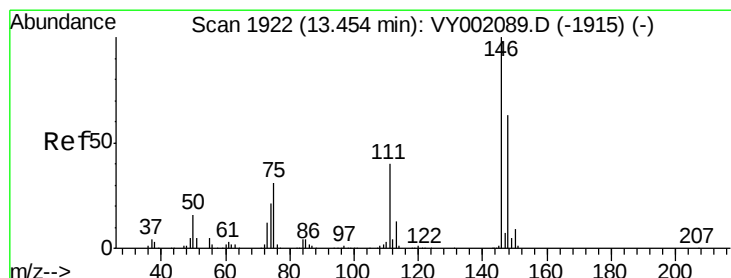
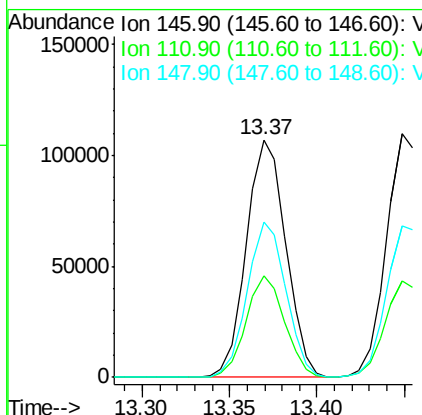
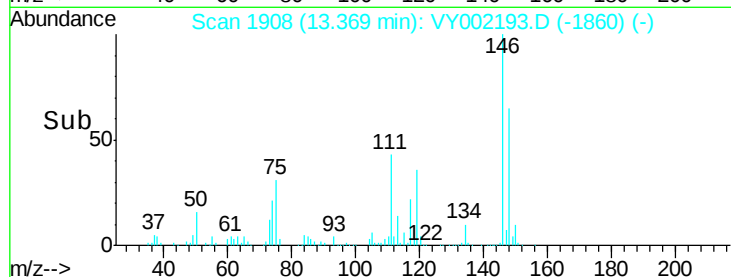
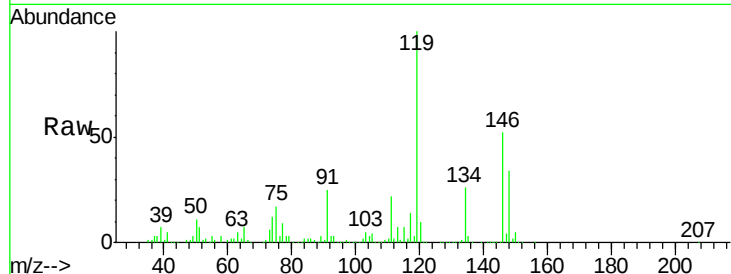
#87
 1,3-Dichlorobenzene
 Concen: 48.486 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	167994		
111	41.9	20.9	62.8	
148	64.3	32.1	96.5	

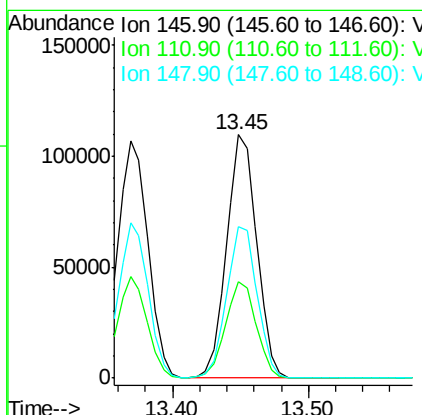
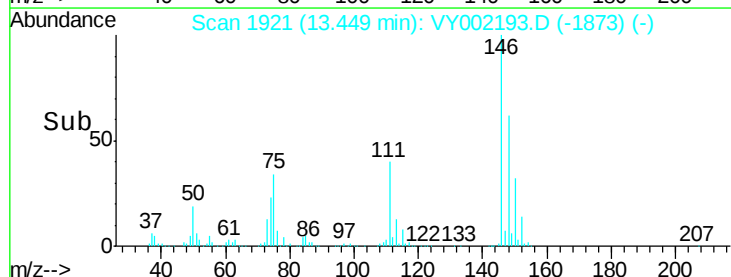
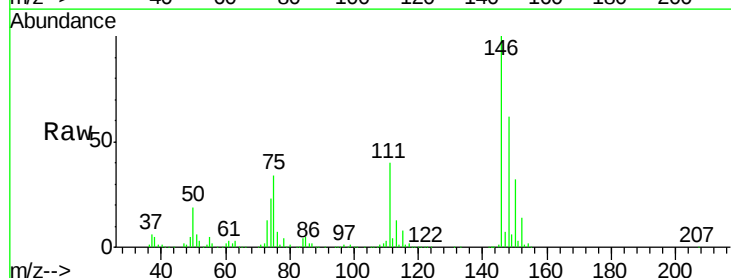
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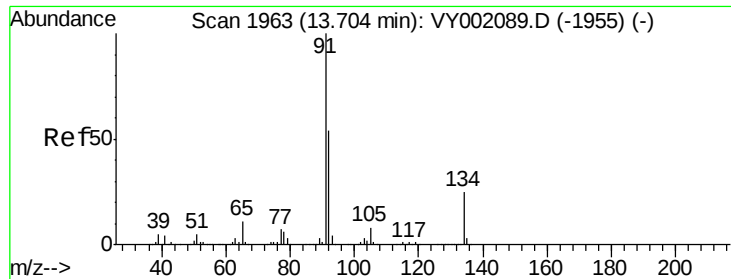
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#88
 1,4-Dichlorobenzene
 Concen: 48.419 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	168816		
111	40.6	20.3	60.9	
148	62.8	31.5	94.5	





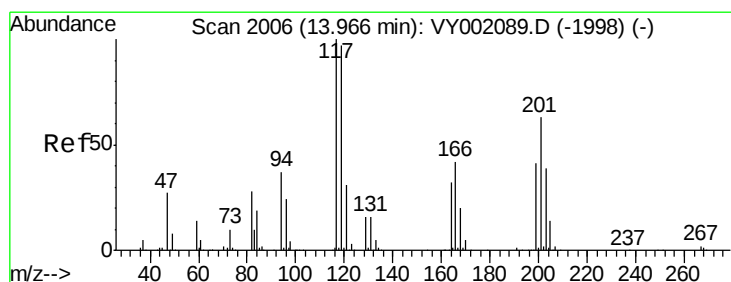
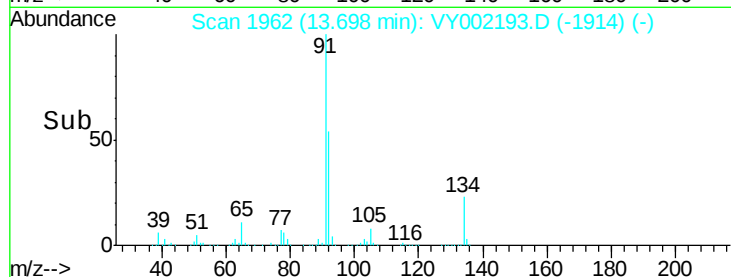
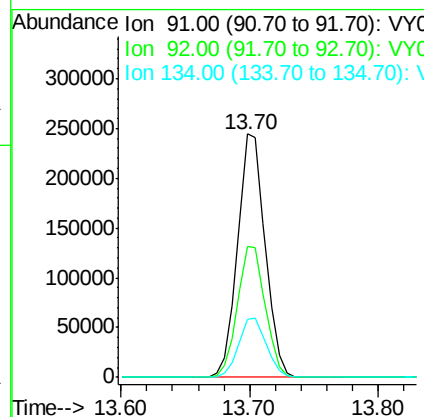
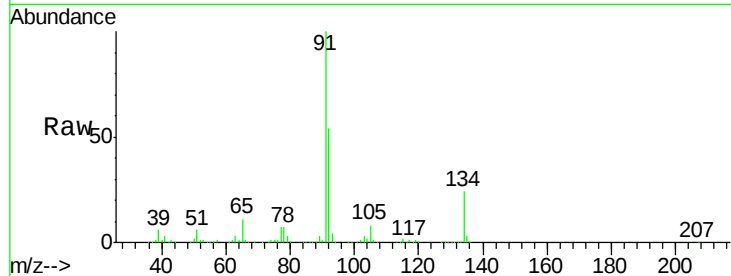
#89
n-Butylbenzene
Concen: 47.993 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.6	27.0	81.0	
134	24.4	12.3	36.8	

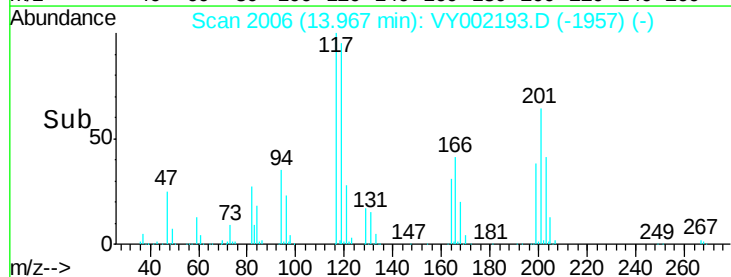
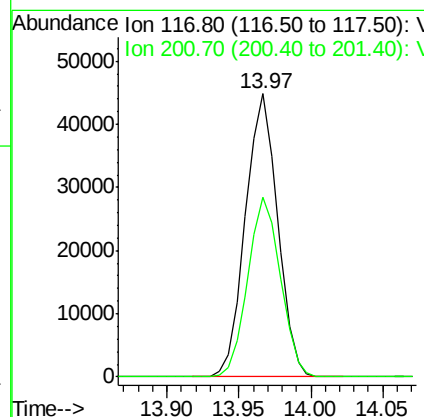
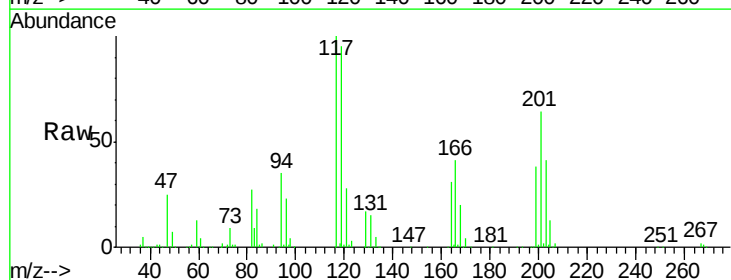
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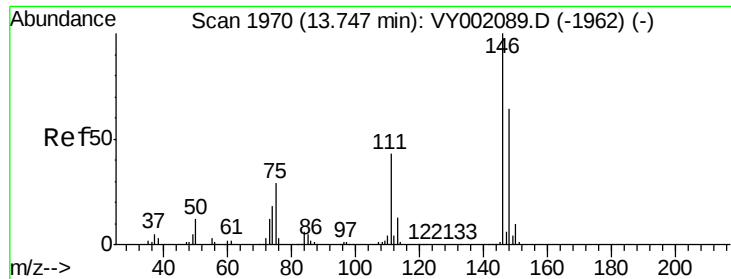
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#90
Hexachloroethane
Concen: 50.750 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	64.0	31.6	94.8	





#91

1,2-Dichlorobenzene

Concen: 47.958 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

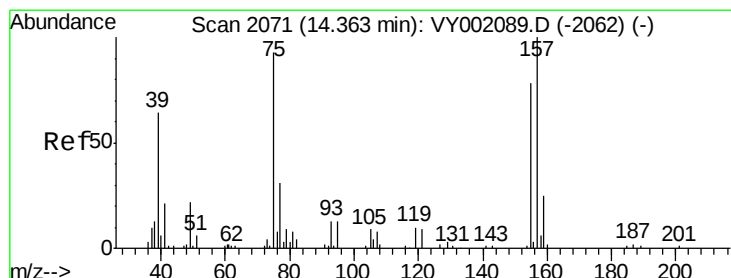
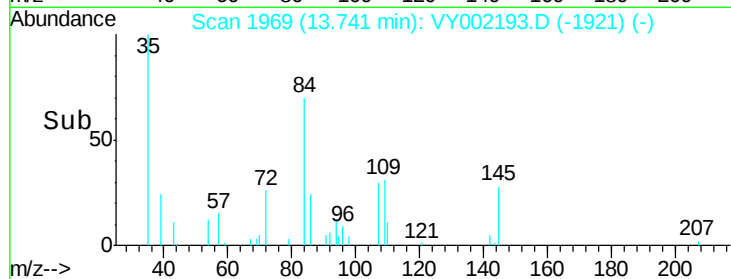
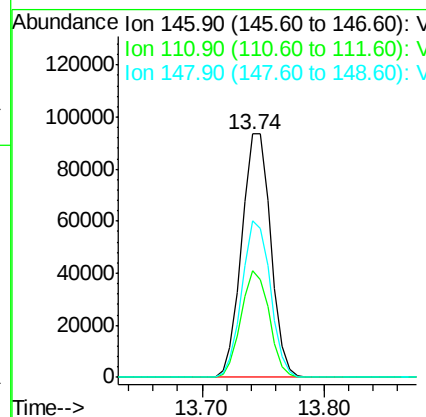
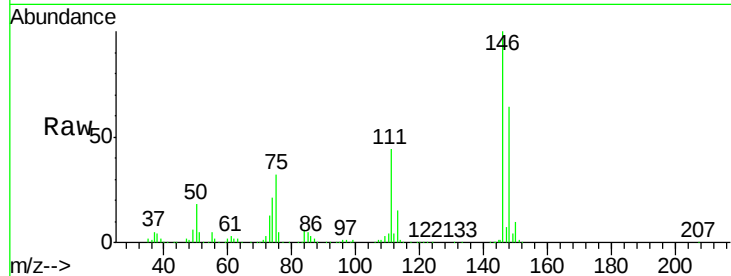
ClientSampleId :

SB-2E-(7-9)MSD

Tot Ion:	146	Resp:	153452
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.3	63.7
148	63.2	31.8	95.4

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 42.814 ug/l

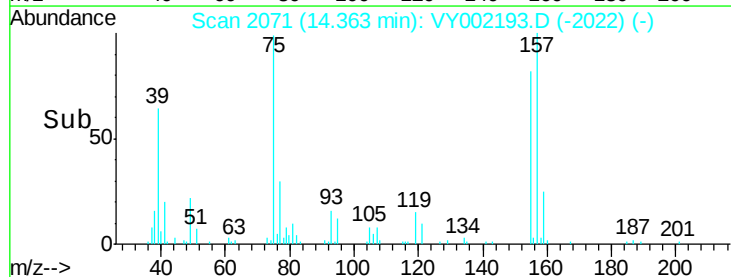
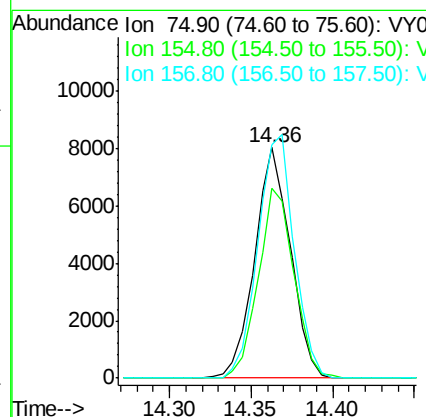
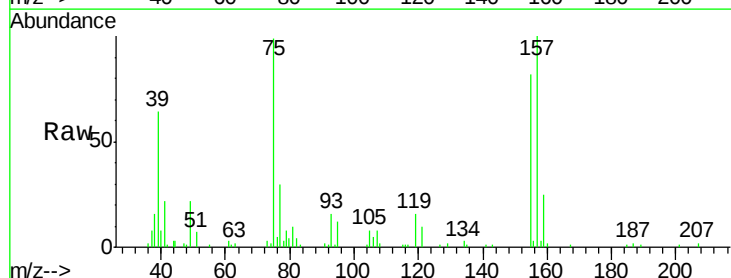
RT: 14.36 min Scan# 2071

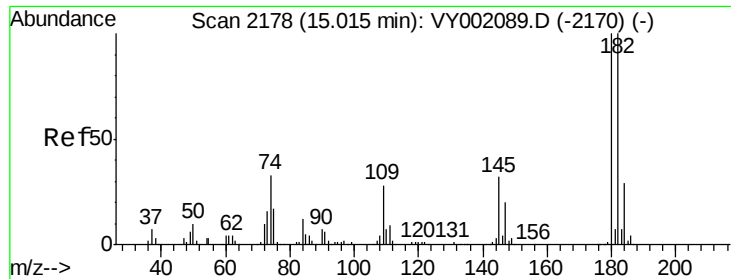
Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion:	75	Resp:	12244
Ion Ratio	Lower	Upper	
75	100		
155	82.4	41.6	124.9
157	107.2	53.4	160.3





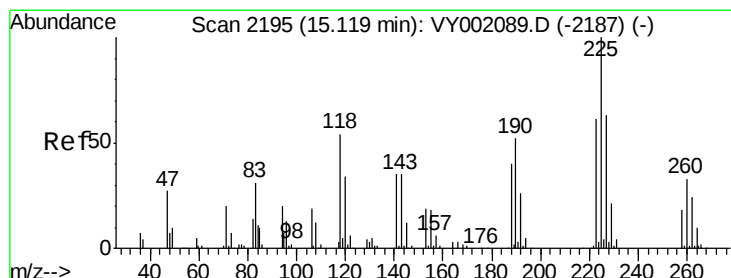
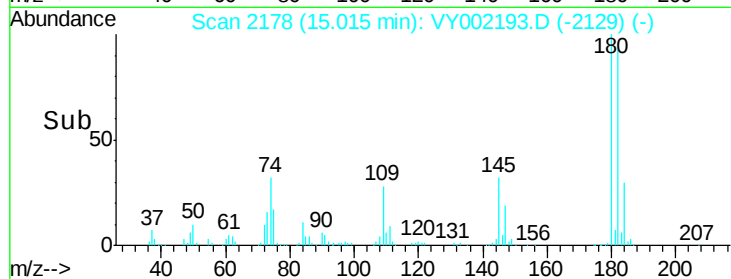
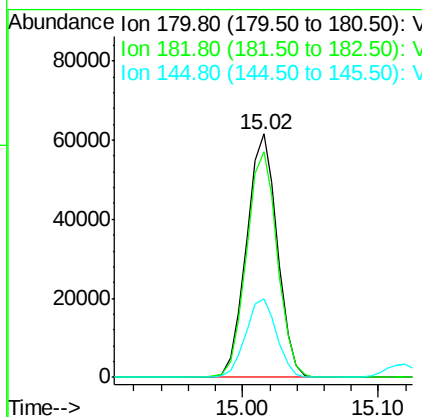
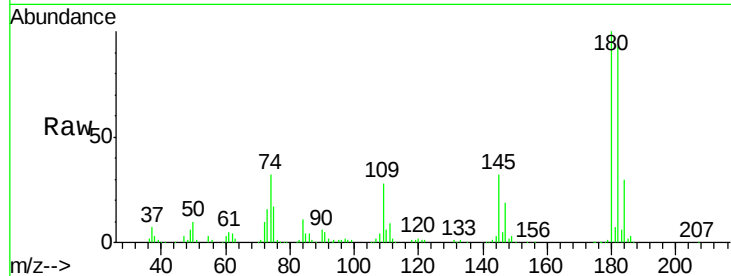
#93
1,2,4-Trichlorobenzene
Concen: 47.327 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	97605		
182	92.7		48.1	144.3
145	32.3		15.9	47.6

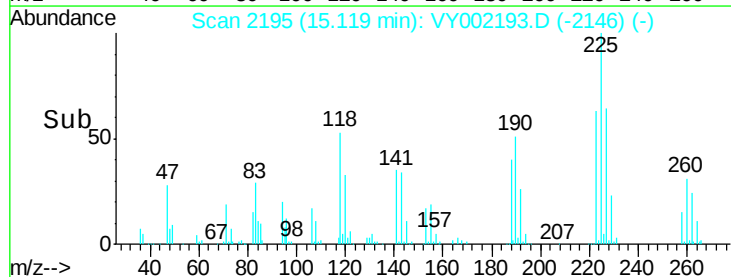
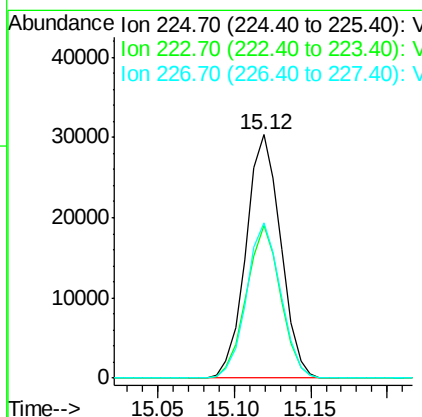
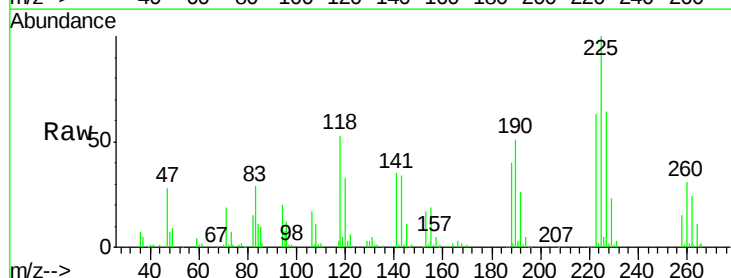
Manual Integrations
APPROVED

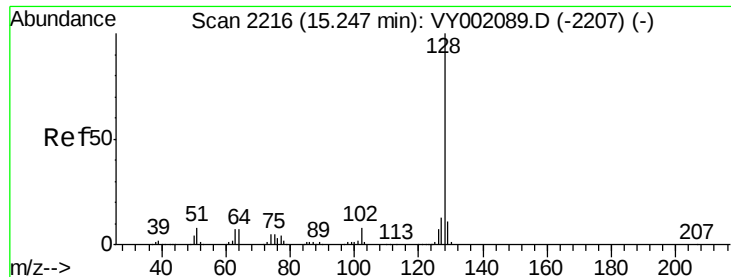
MMDadoda
4/6/2020 11:28:29 AM



#94
Hexachlorobutadiene
Concen: 47.062 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47910		
223	61.8		31.1	93.3
227	62.5		31.6	94.7





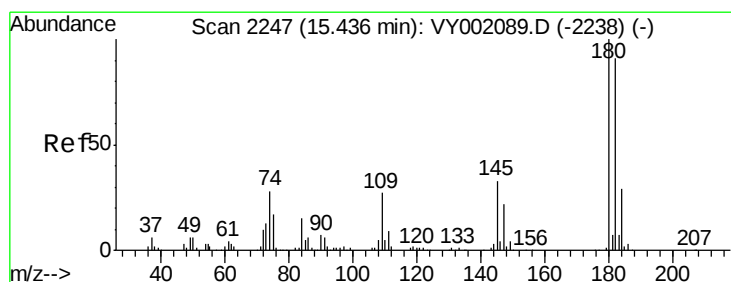
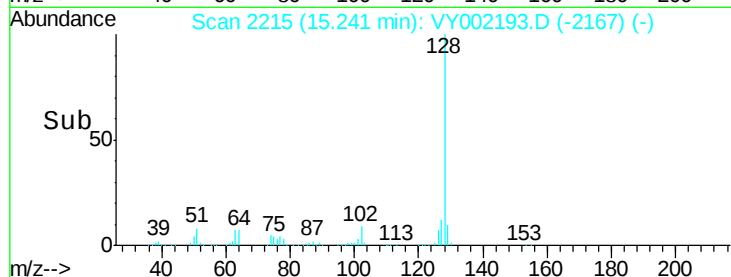
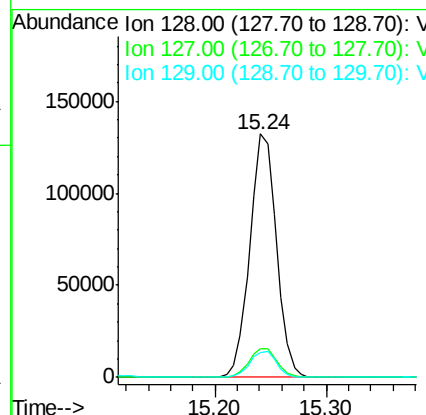
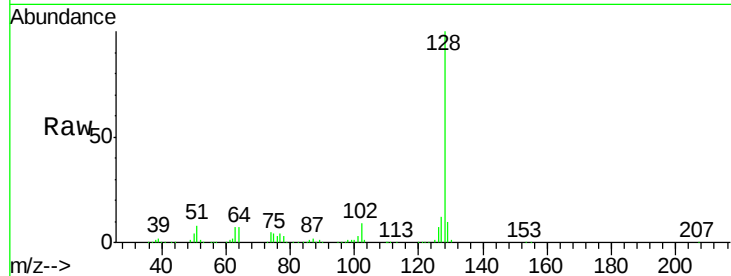
#95
Naphthalene
Concen: 44.903 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	219952		
127	12.3		9.8	14.8
129	10.7		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/6/2020 11:28:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 45.484 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	85064		
182	94.5		46.8	140.3
145	34.1		16.7	50.1

