

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002192.D
 Acq On : 02 Apr 2020 15:15
 Operator : SY/MD
 Sample : L2135-05MS
 Misc : 7.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 4/6/2020 11:28:24 AM

Quant Time: Apr 03 04:10:35 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	100360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	188248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	171451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	81350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	56927	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.74	113	52992	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.19	98	218058	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.49	95	77557	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31064	47.854	ug/l	98
3) Chloromethane	2.12	50	53444	45.568	ug/l	99
4) Vinyl Chloride	2.26	62	57632	48.316	ug/l	98
5) Bromomethane	2.66	94	40590	52.143	ug/l	98
6) Chloroethane	2.80	64	38849	50.722	ug/l	95
7) Trichlorofluoromethane	3.14	101	78032	47.738	ug/l	96
8) Diethyl Ether	3.54	74	33484	48.364	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	51797	48.298	ug/l	99
10) Methyl Iodide	4.10	142	57799	45.324	ug/l	99
11) Tert butyl alcohol	4.97	59	26861	205.450	ug/l	97
12) 1,1-Dichloroethene	3.89	96	53088	48.750	ug/l	100
13) Acrolein	3.74	56	42681	261.193	ug/l	100
14) Allyl chloride	4.50	41	99202	49.761	ug/l	99
15) Acrylonitrile	5.19	53	91059	250.935	ug/l	99
16) Acetone	3.96	43	72467	232.490	ug/l	100
17) Carbon Disulfide	4.21	76	170470	47.170	ug/l	99
18) Methyl Acetate	4.50	43	42710	52.768	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	154630	50.900	ug/l	99
20) Methylene Chloride	4.74	84	65378	50.737	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	62394	50.321	ug/l	93
22) Diisopropyl ether	6.14	45	210013	51.476	ug/l	97
23) Vinyl Acetate	6.08	43	661311	247.193	ug/l	99
24) 1,1-Dichloroethane	6.04	63	109284	50.380	ug/l	98
25) 2-Butanone	7.00	43	118679	247.963	ug/l	100
26) 2,2-Dichloropropane	7.00	77	88170	49.352	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	69658	51.066	ug/l	99
28) Bromochloromethane	7.35	49	55497	56.040	ug/l	99
29) Tetrahydrofuran	7.36	42	80155	255.435	ug/l	99
30) Chloroform	7.53	83	103125	50.156	ug/l	95
31) Cyclohexane	7.80	56	110817	47.943	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	87557	51.003	ug/l	99
36) 1,1-Dichloropropene	7.93	75	85649	48.102	ug/l	99
37) Ethyl Acetate	7.10	43	51707	48.055	ug/l	99
38) Carbon Tetrachloride	7.92	117	73781	48.840	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	111879	47.902	ug/l	98
40) Benzene	8.18	78	260380	49.368	ug/l	98
41) Methacrylonitrile	7.33	41	21521m	39.541	ug/l	
42) 1,2-Dichloroethane	8.25	62	67965	48.537	ug/l	99
43) Isopropyl Acetate	8.28	43	98443	49.293	ug/l	100
44) Trichloroethene	8.95	130	62706	49.322	ug/l	92
45) 1,2-Dichloropropane	9.23	63	66453	49.483	ug/l	96
46) Dibromomethane	9.32	93	34841	50.518	ug/l	99
47) Bromodichloromethane	9.51	83	79936	49.788	ug/l	96
48) Methyl methacrylate	9.30	41	44161	49.344	ug/l	98
49) 1,4-Dioxane	9.31	88	10012	1057.896	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	260065	252.896	ug/l	99
52) Toluene	10.25	92	158639	49.730	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	89750	50.364	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	104979	50.035	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	51025	49.988	ug/l	97
56) Ethyl methacrylate	10.52	69	74871	50.219	ug/l	98
57) 1,3-Dichloropropane	10.80	76	90943	50.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	212854	277.848	ug/l	100
59) 2-Hexanone	10.84	43	186375	257.287	ug/l	99
60) Dibromochloromethane	10.99	129	53972	50.529	ug/l	99
61) 1,2-Dibromoethane	11.10	107	48465	50.727	ug/l	97
64) Tetrachloroethene	10.73	164	54831	52.271	ug/l	97
65) Chlorobenzene	11.52	112	164089	49.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	56085	50.654	ug/l	98
67) Ethyl Benzene	11.60	91	305749	49.742	ug/l	99
68) m/p-Xylenes	11.71	106	228379	100.489	ug/l	97
69) o-Xylene	12.03	106	107414	49.824	ug/l	99
70) Styrene	12.05	104	188369	50.424	ug/l	99
71) Bromoform	12.22	173	30573	50.415	ug/l #	99
73) Isopropylbenzene	12.33	105	290653	48.164	ug/l	100
74) N-amyl acetate	12.15	43	90321	47.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	62281	47.962	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	45457m	49.954	ug/l	
77) Bromobenzene	12.61	156	63004	48.908	ug/l	97
78) n-propylbenzene	12.67	91	358777	47.909	ug/l	99
79) 2-Chlorotoluene	12.76	91	197675	48.075	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	239575	48.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	22088	47.026	ug/l	95
82) 4-Chlorotoluene	12.86	91	205287	47.379	ug/l	99
83) tert-Butylbenzene	13.08	119	202874	48.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	242166	48.750	ug/l	98
85) sec-Butylbenzene	13.26	105	301243	48.939	ug/l	99
86) p-Isopropyltoluene	13.38	119	261015	49.379	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	120645	47.873	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	121345	47.850	ug/l	99
89) n-Butylbenzene	13.70	91	265605	48.225	ug/l	100
90) Hexachloroethane	13.97	117	48429	48.621	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	112645	48.402	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9841	47.311	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	72779	48.518	ug/l	97
94) Hexachlorobutadiene	15.12	225	35094	47.396	ug/l	99
95) Naphthalene	15.25	128	172779	48.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	64121	47.138	ug/l	98

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

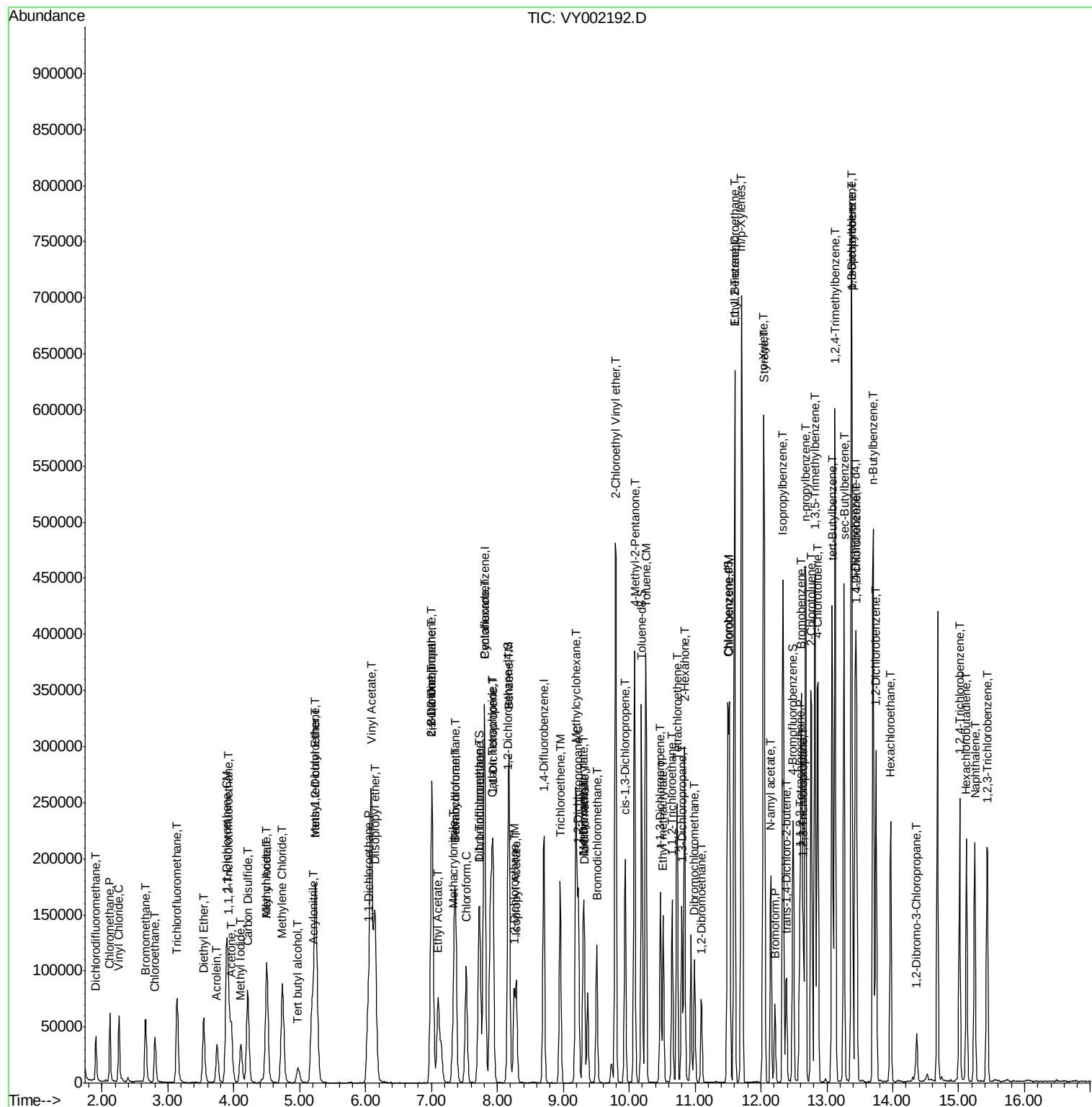
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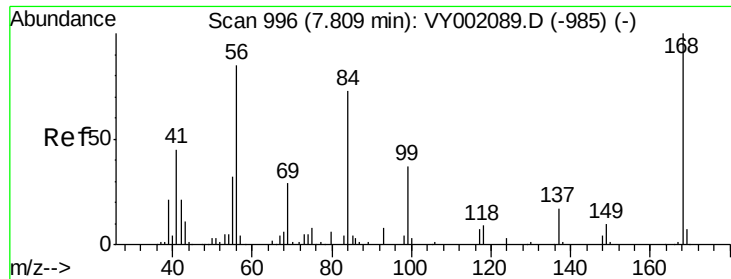
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:168 Resp: 100360

Ion Ratio Lower Upper

168 100

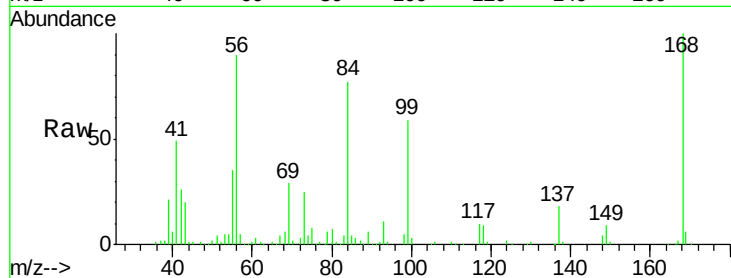
99 58.7 47.6 71.4

Manual Integrations

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4/6/2020 11:28:24 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002192.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002192.D (-947) (-)

7.81

40000

30000

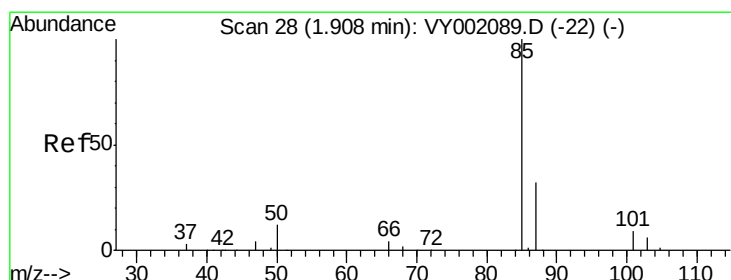
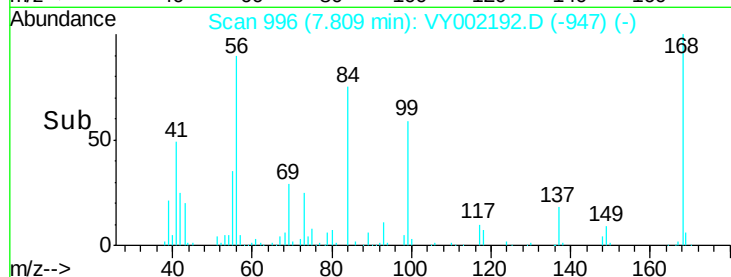
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.854 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002192.D

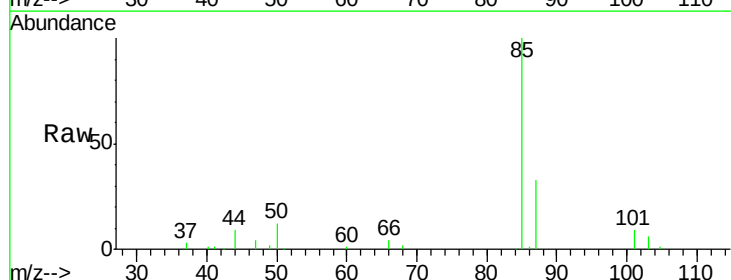
Acq: 02 Apr 2020 15:15

Tgt Ion: 85 Resp: 31064

Ion Ratio Lower Upper

85 100

87 33.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002192.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002192.D (-1) (-)

1.91

25000

20000

15000

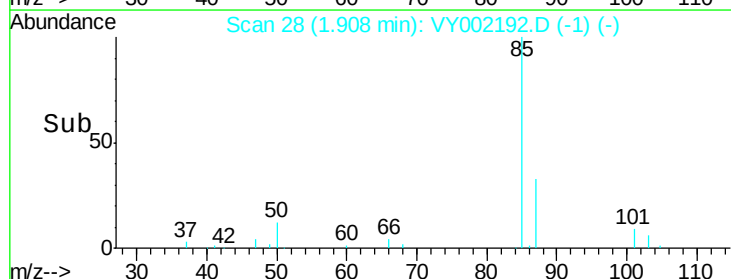
10000

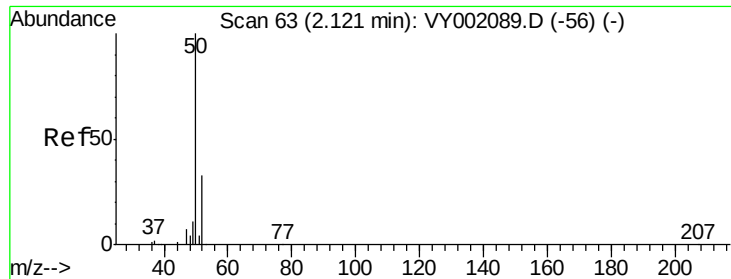
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 45.568 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion: 50 Resp: 53444

Ion Ratio Lower Upper

50 100

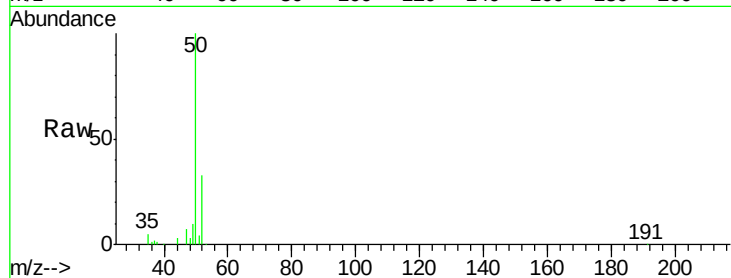
52 33.1 26.1 39.1

Manual Integrations

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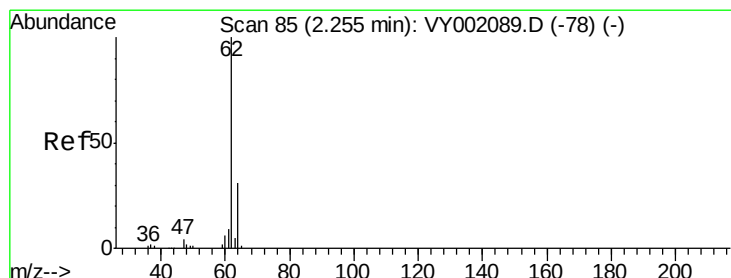
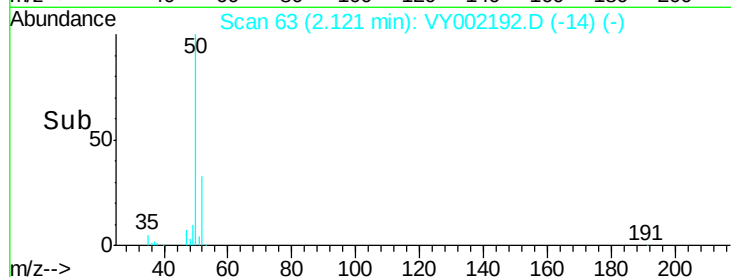
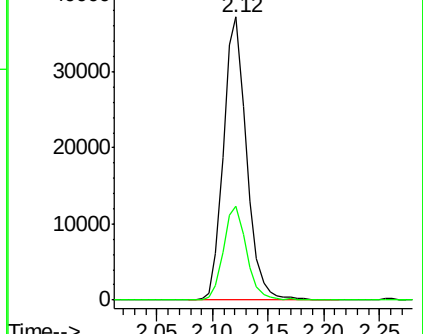
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 48.316 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002192.D

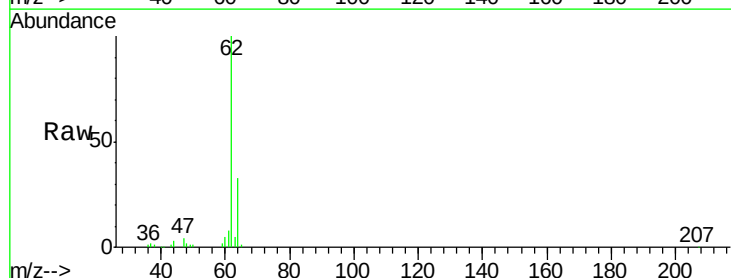
Acq: 02 Apr 2020 15:15

Tgt Ion: 62 Resp: 57632

Ion Ratio Lower Upper

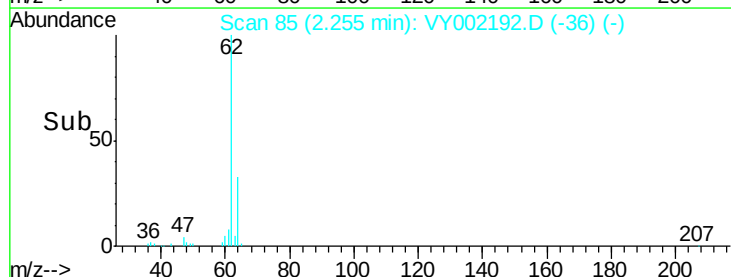
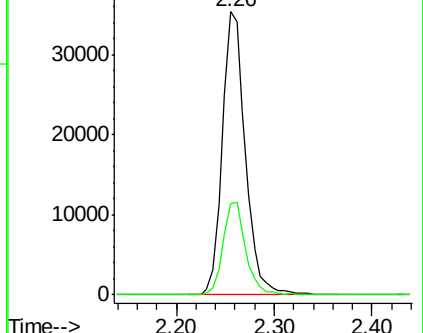
62 100

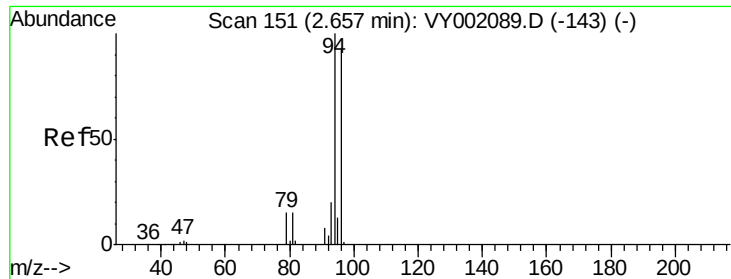
64 32.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.143 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002192.D

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SB-2E-(7-9)MS

Tot Ion: 94 Resp: 40590

Ion Ratio Lower Upper

94 100

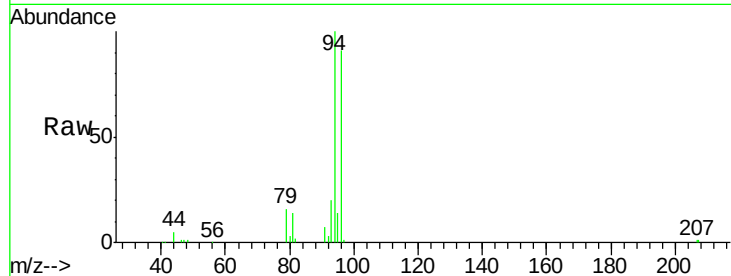
96 90.7 74.1 111.1

Manual Integrations

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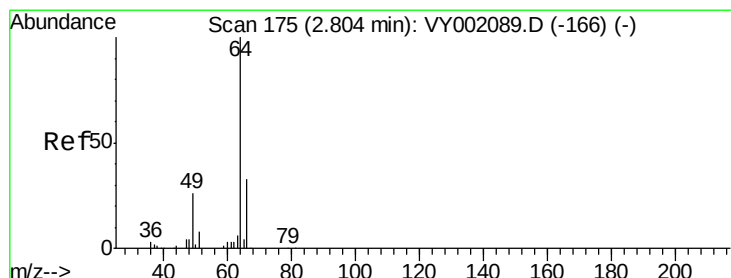
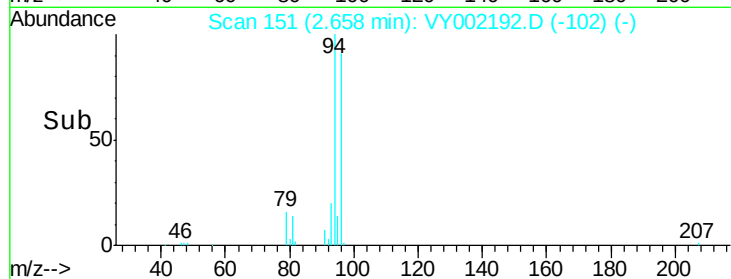
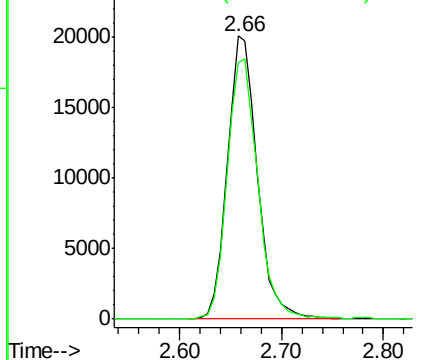
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.722 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002192.D

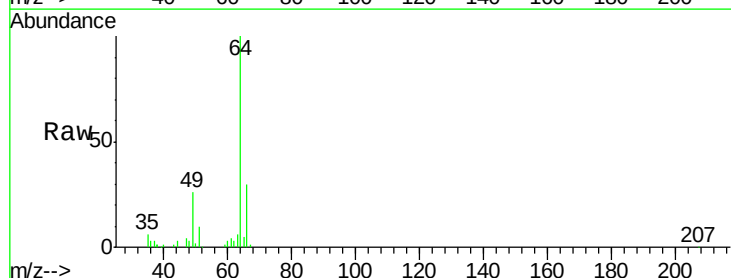
Acq: 02 Apr 2020 15:15

Tgt Ion: 64 Resp: 38849

Ion Ratio Lower Upper

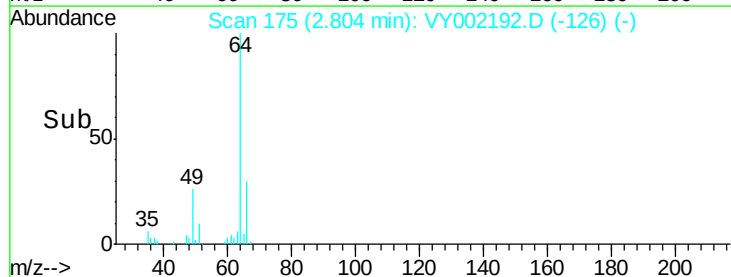
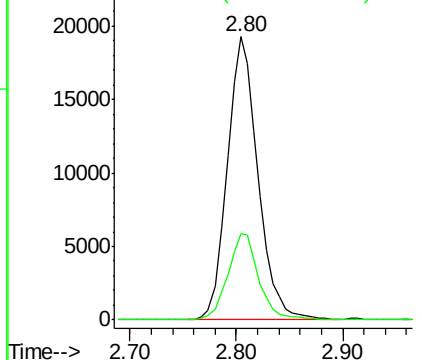
64 100

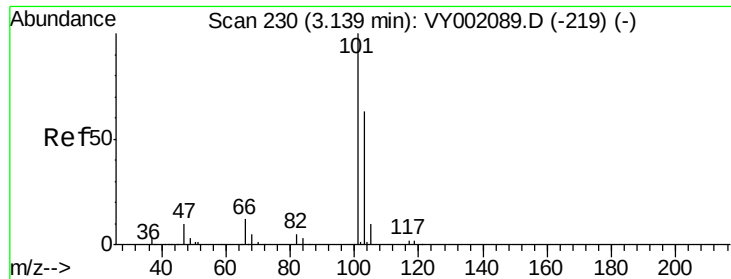
66 30.4 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

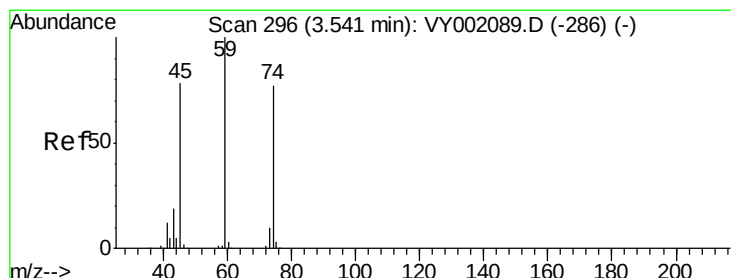
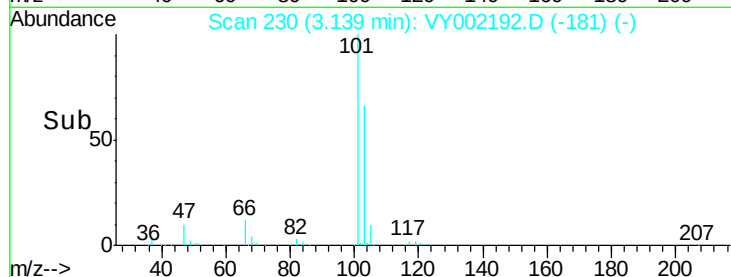
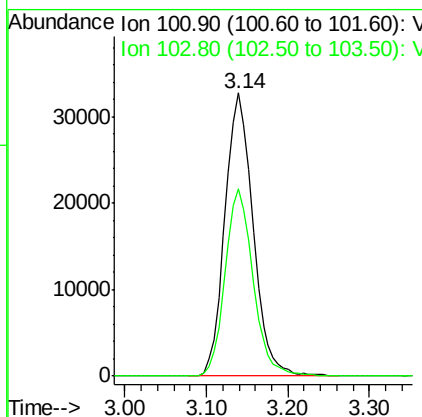
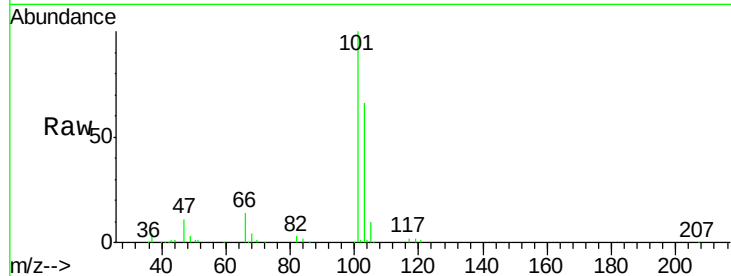
Trichlorofluoromethane
 Concen: 47.738 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002192.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.6	76.0

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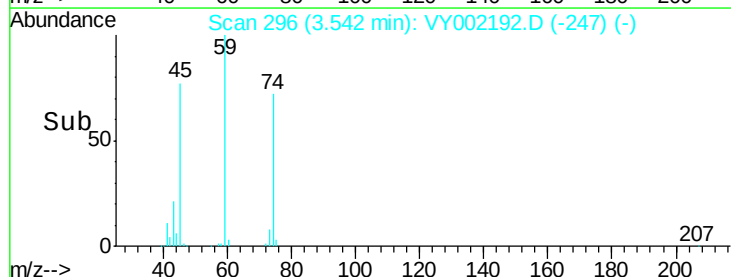
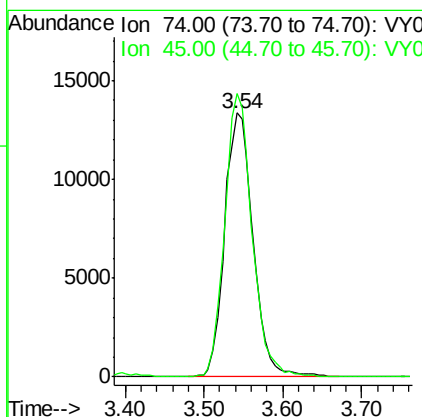
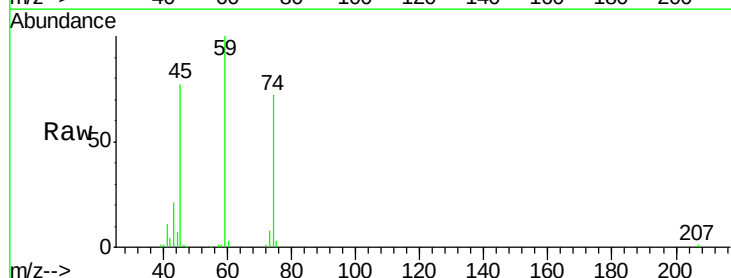
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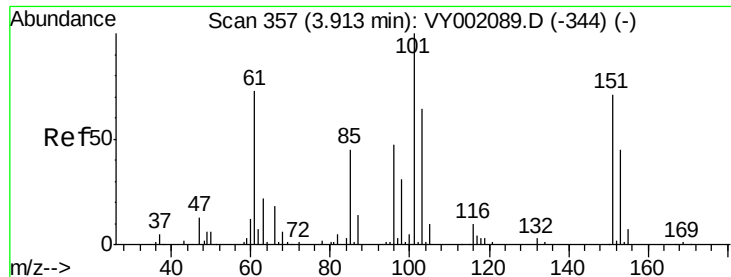


#8

Diethyl Ether
 Concen: 48.364 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.298 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

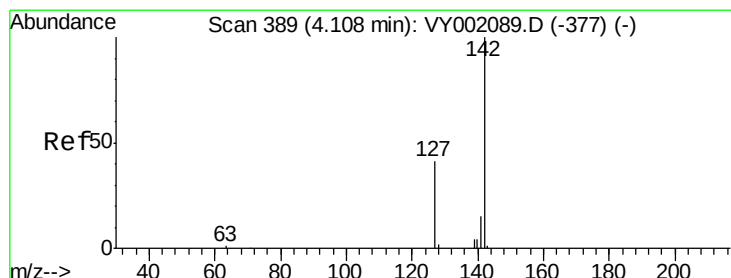
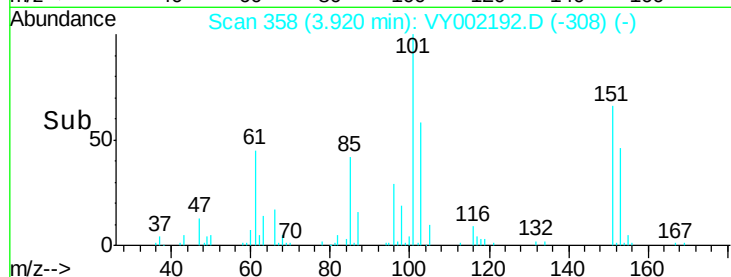
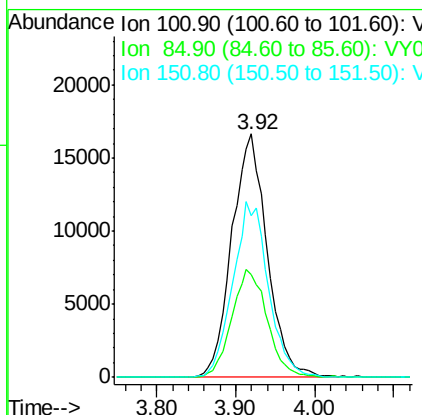
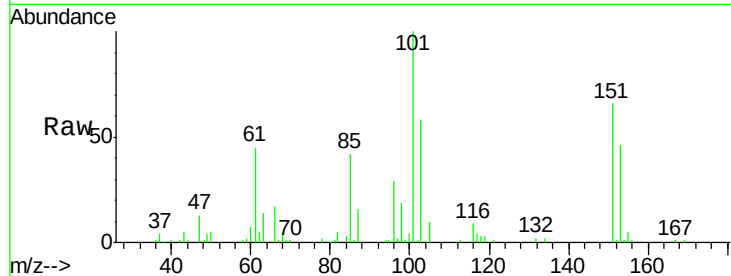
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	101	Resp:	51797
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.9	53.9
151	72.5	57.5	86.3

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#10

Methyl Iodide

Concen: 45.324 ug/l

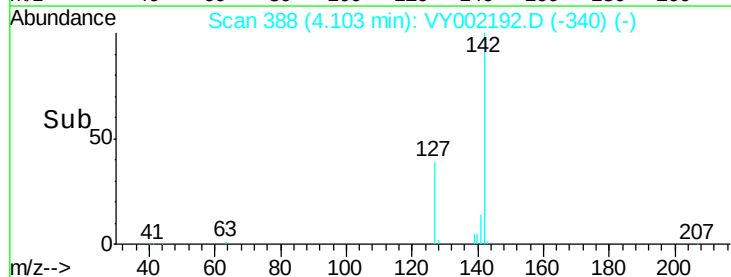
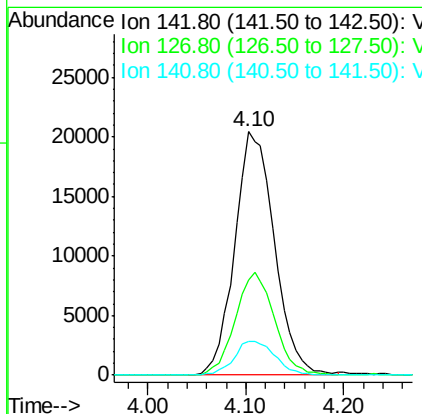
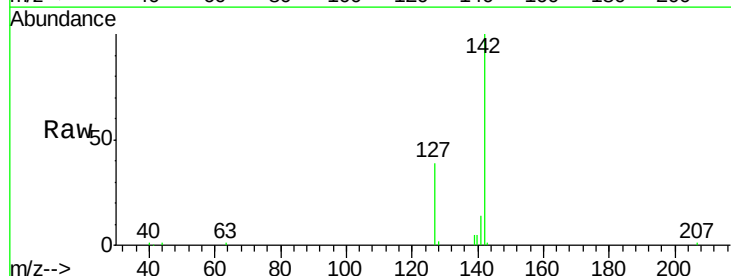
RT: 4.10 min Scan# 388

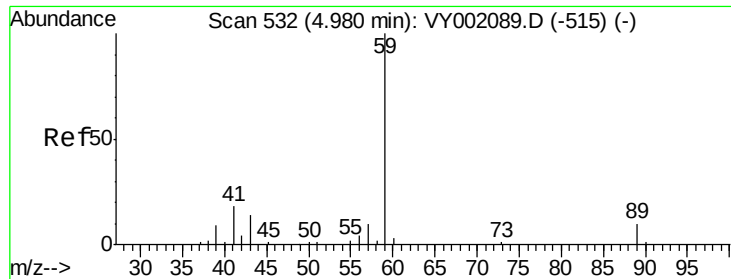
Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion:	142	Resp:	57799
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.6	49.0
141	14.4	11.4	17.0





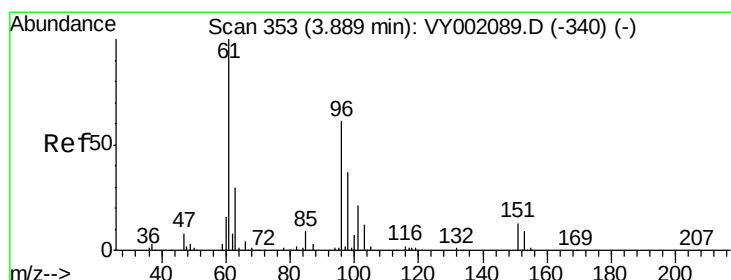
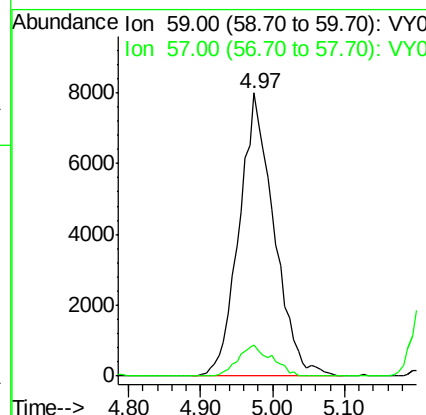
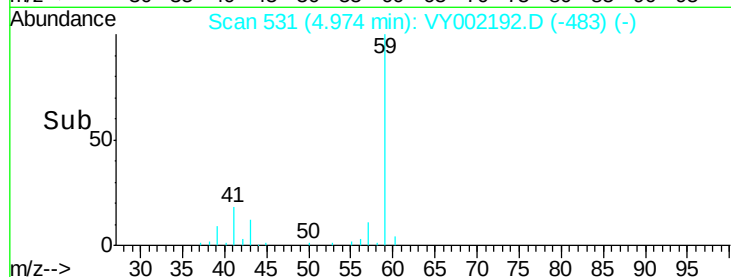
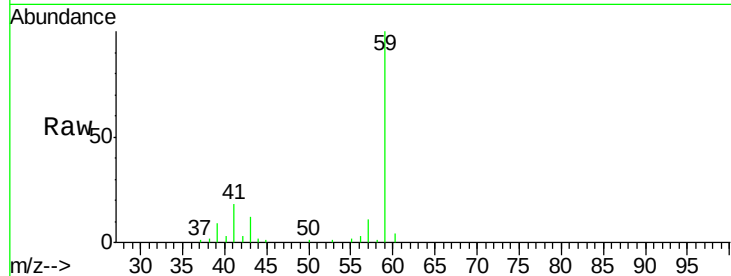
#11
Tert butyl alcohol
Concen: 205.450 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion: 59 Resp: 26861
Ion Ratio Lower Upper
59 100
57 10.6 7.7 11.5

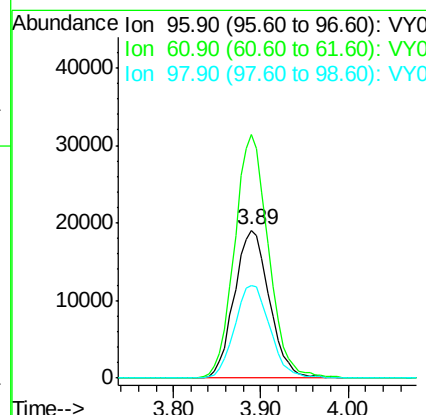
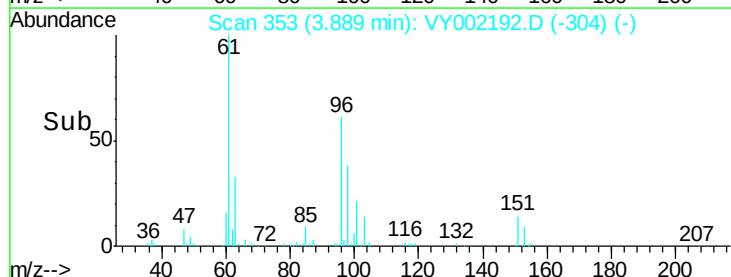
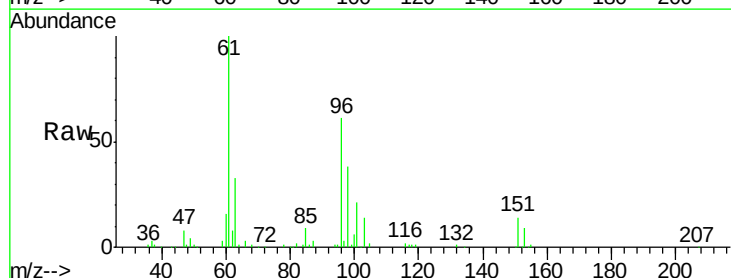
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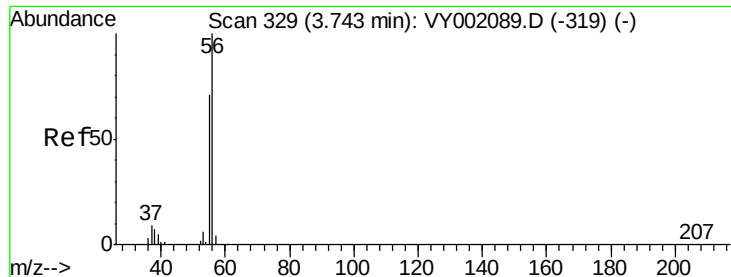
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.750 ug/l
RT: 3.89 min Scan# 353
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 96 Resp: 53088
Ion Ratio Lower Upper
96 100
61 164.5 132.0 198.0
98 62.3 49.4 74.0





#13

Acrolein

Concen: 261.193 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion: 56 Resp: 42681

Ion Ratio Lower Upper

56 100

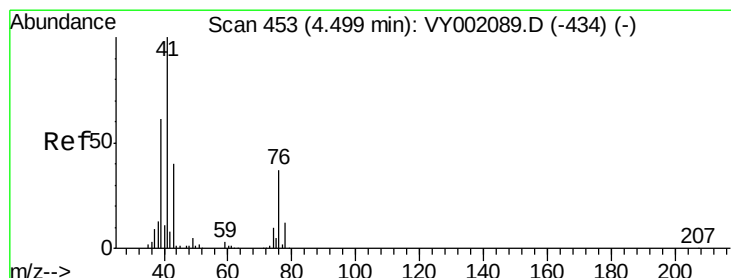
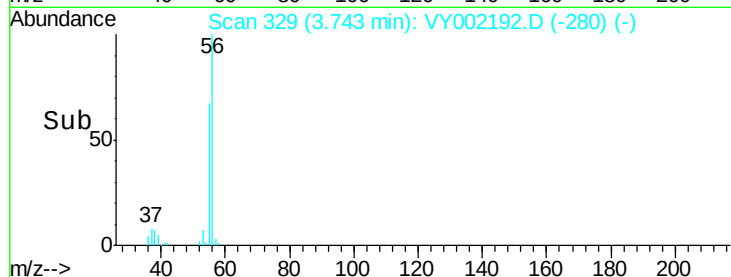
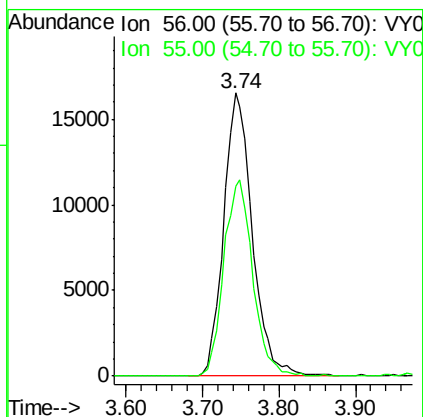
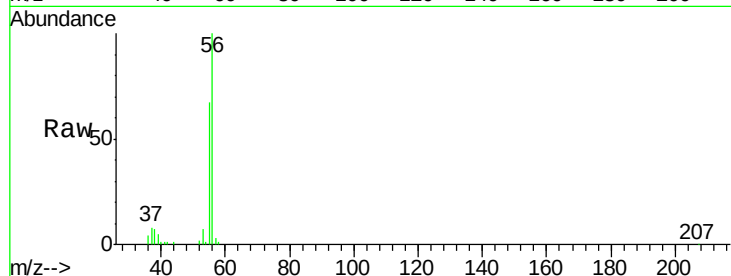
55 70.2 56.5 84.7

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#14

Allyl chloride

Concen: 49.761 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

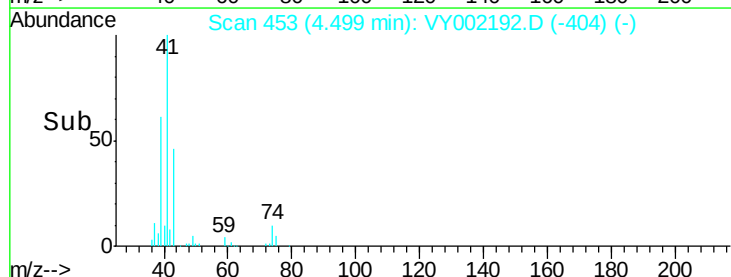
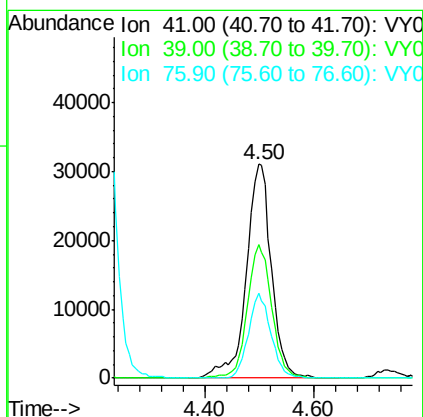
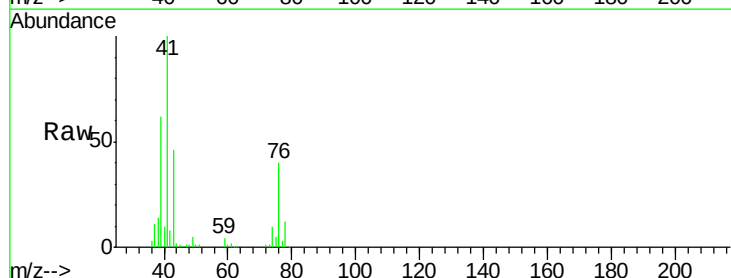
Tgt Ion: 41 Resp: 99202

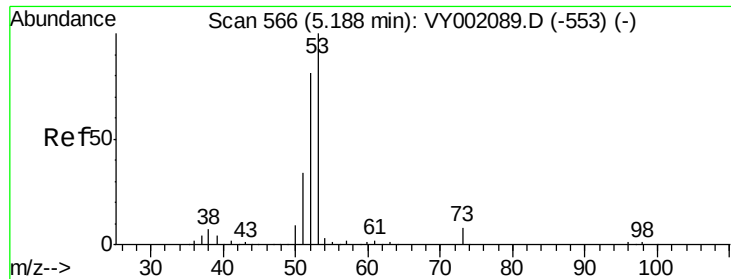
Ion Ratio Lower Upper

41 100

39 60.5 49.0 73.4

76 35.4 27.8 41.8





#15

Acrylonitrile

Concen: 250.935 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

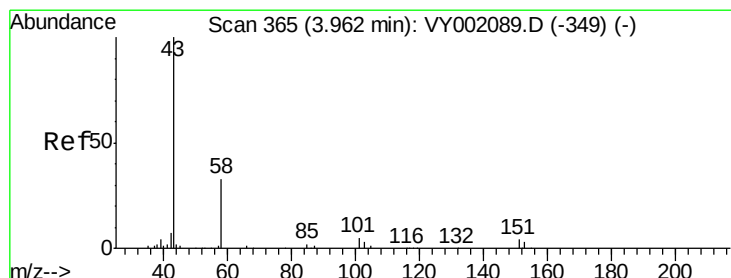
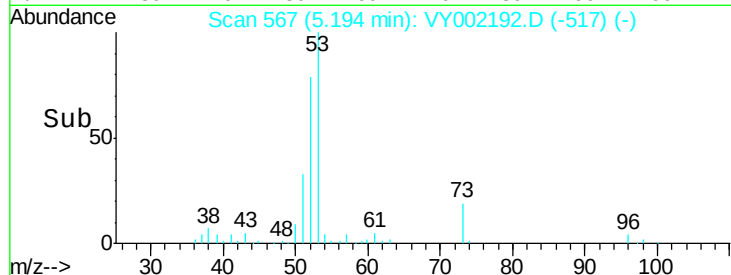
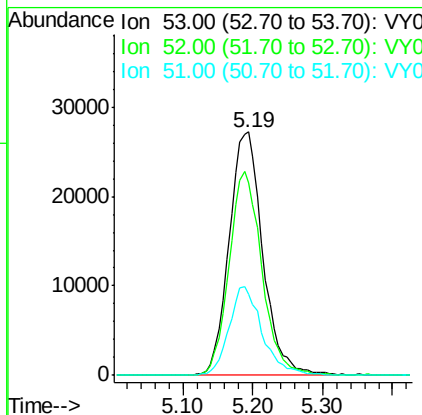
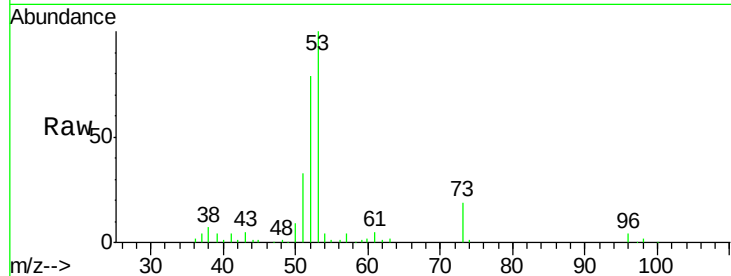
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	53	Resp:	91059
Ion	Ratio	Lower	Upper
53	100		
52	81.5	64.6	97.0
51	36.0	27.9	41.9

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#16

Acetone

Concen: 232.490 ug/l

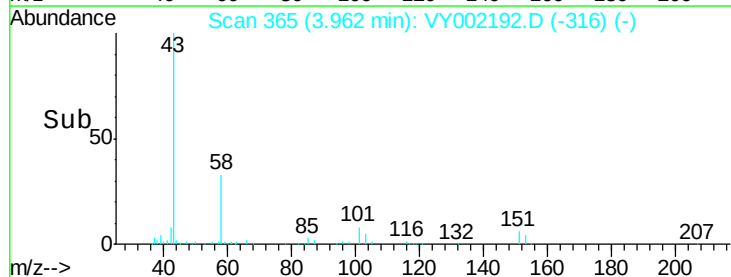
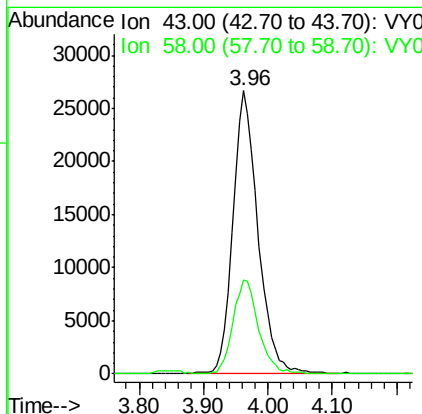
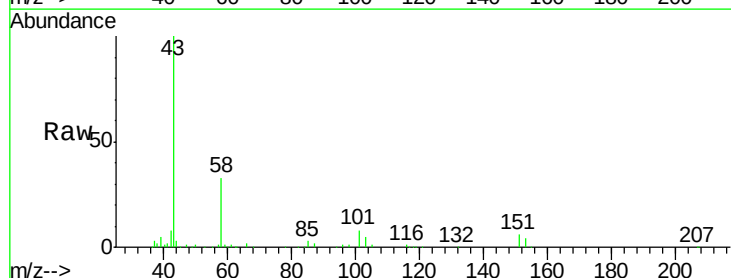
RT: 3.96 min Scan# 365

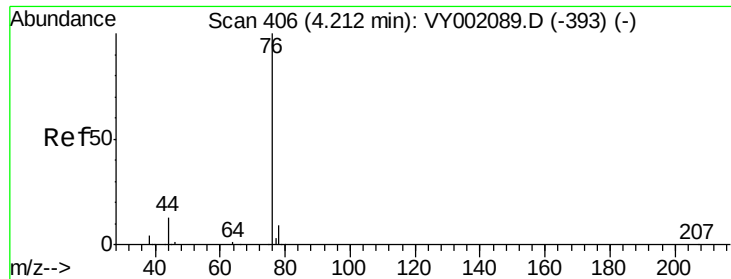
Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion:	43	Resp:	72467
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.3	39.5





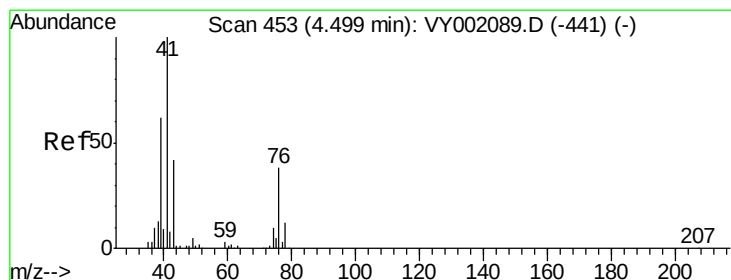
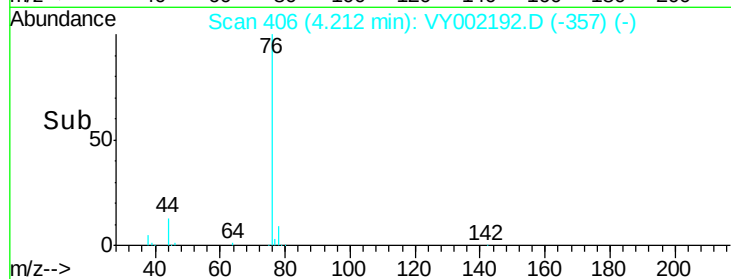
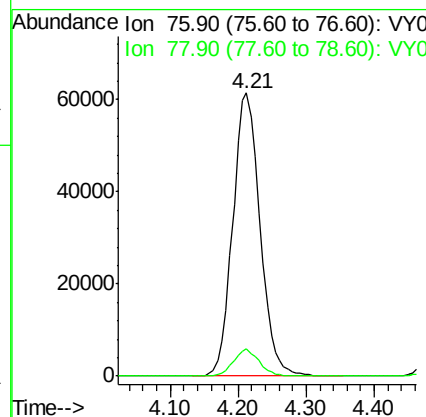
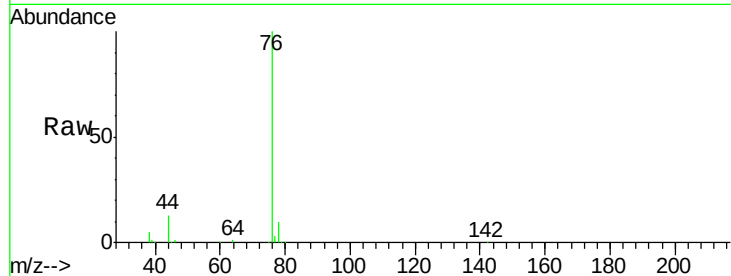
#17
Carbon Disulfide
Concen: 47.170 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

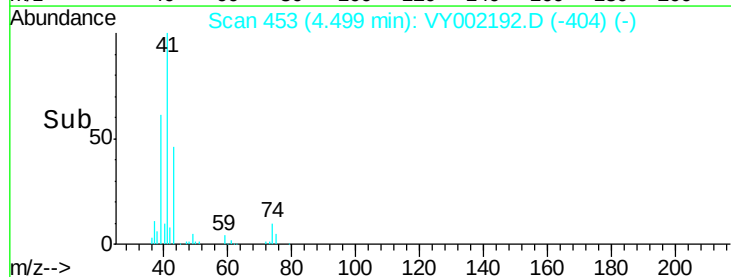
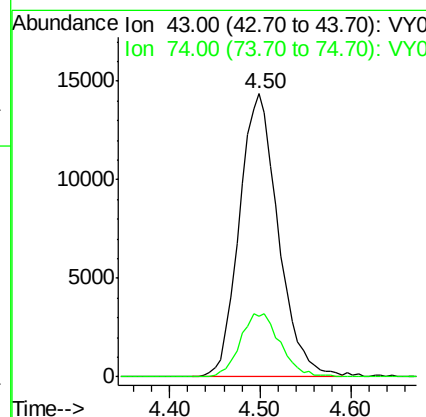
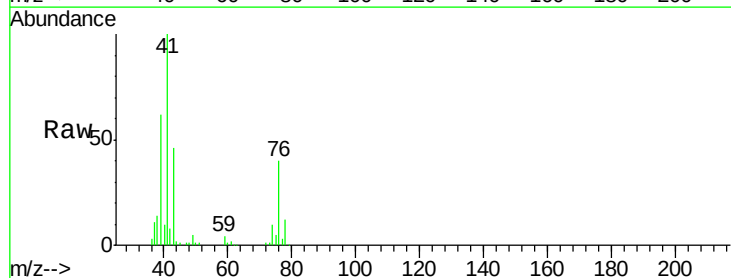
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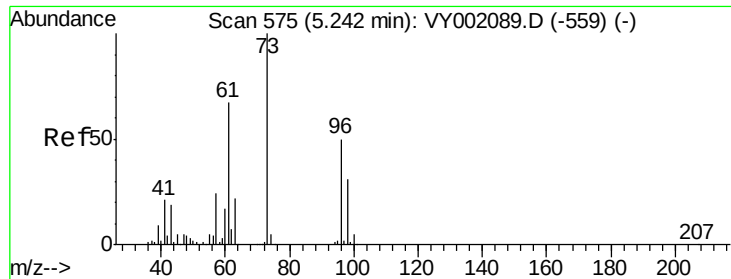
MMDadoda
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#18
Methyl Acetate
Concen: 52.768 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.3	27.5





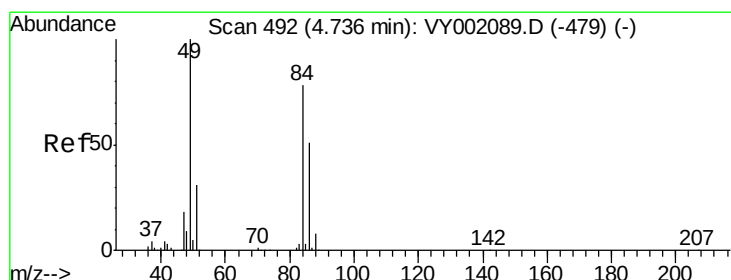
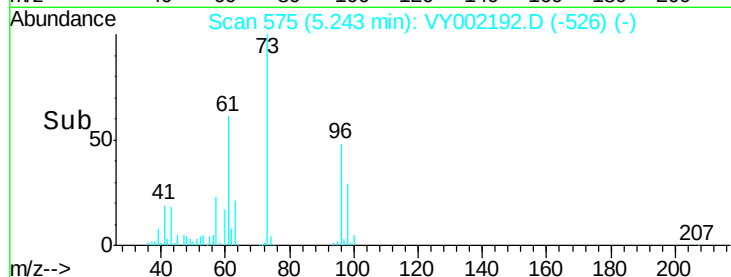
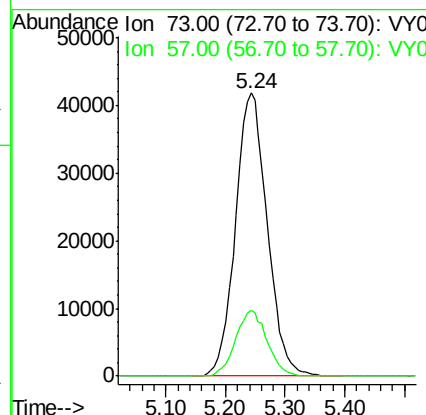
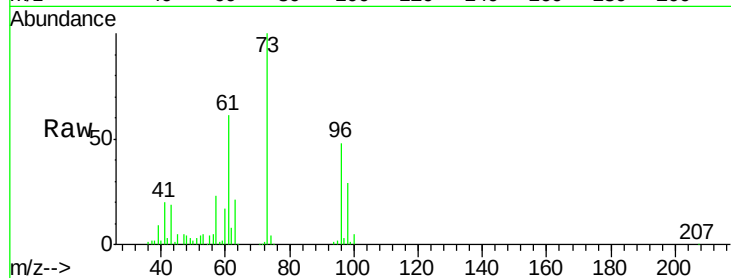
#19
Methyl tert-butyl Ether
Concen: 50.900 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion: 73 Resp: 154630
Ion Ratio Lower Upper
73 100
57 23.4 19.0 28.6

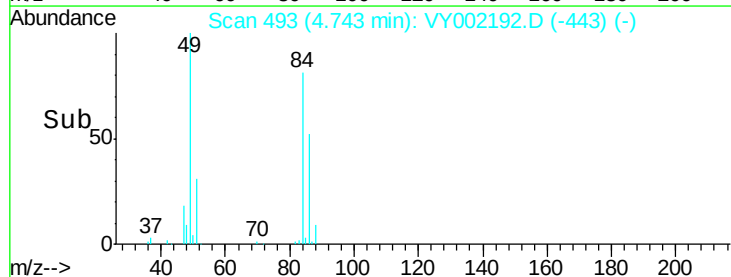
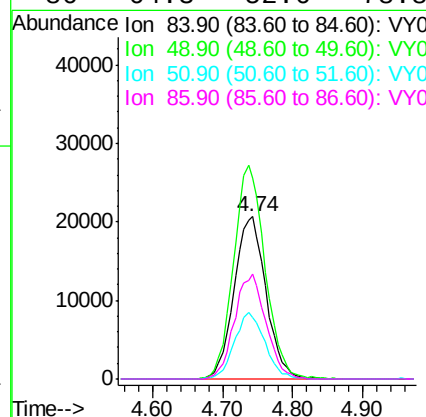
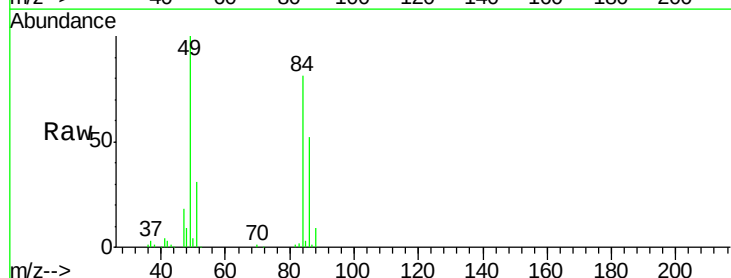
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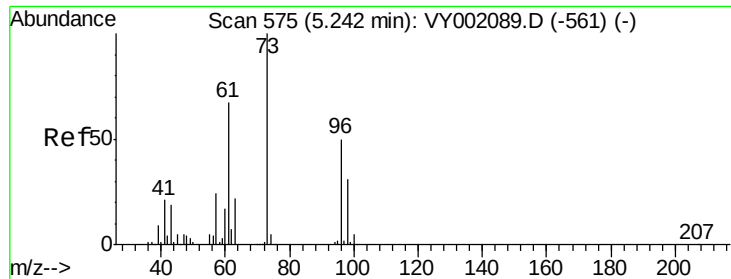
MMDadoda
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#20
Methylene Chloride
Concen: 50.737 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 84 Resp: 65378
Ion Ratio Lower Upper
84 100
49 123.7 102.2 153.4
51 38.1 31.2 46.8
86 64.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 50.321 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

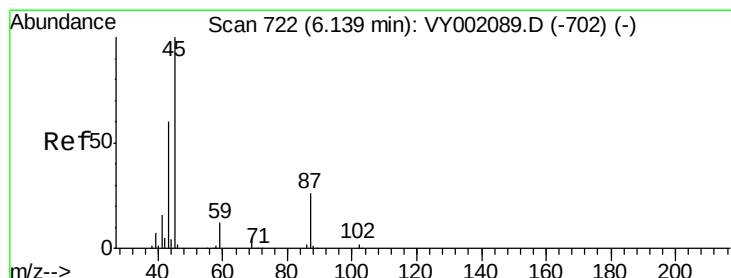
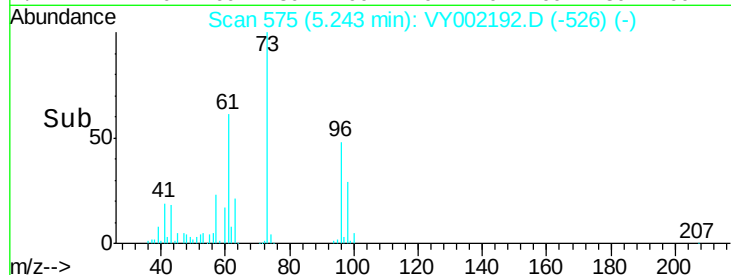
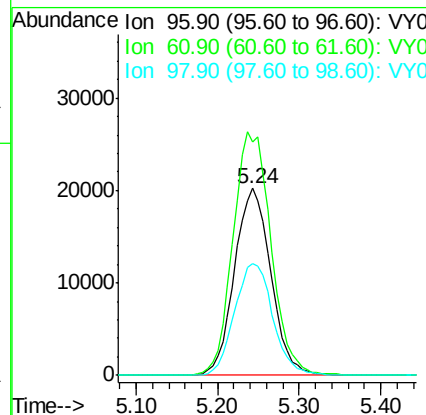
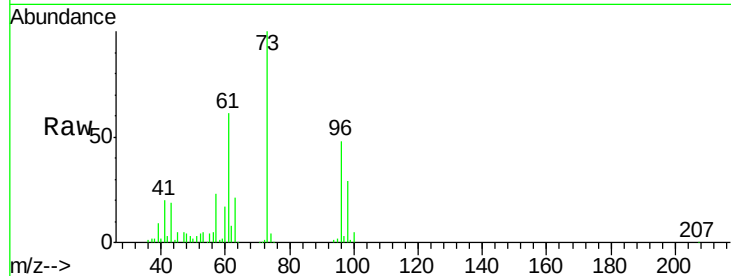
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	96	Resp:	62394
Ion	Ratio	Lower	Upper
96	100		
61	124.8	107.7	161.5
98	59.6	50.5	75.7

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#22

Diisopropyl ether

Concen: 51.476 ug/l

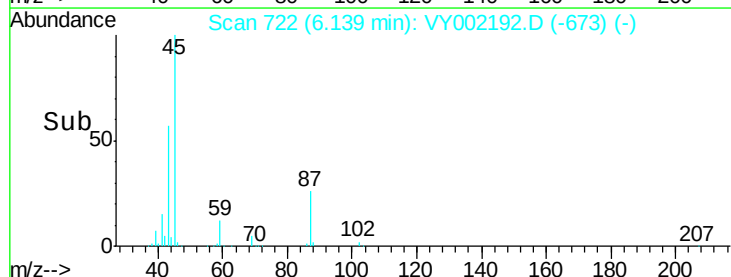
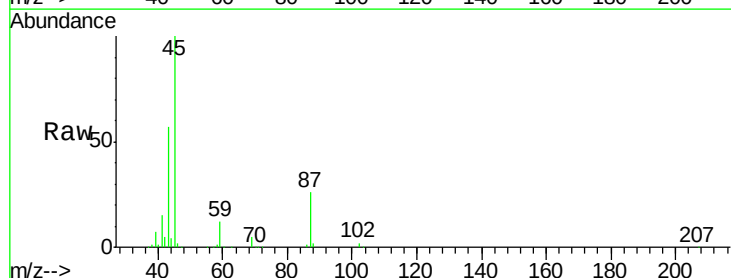
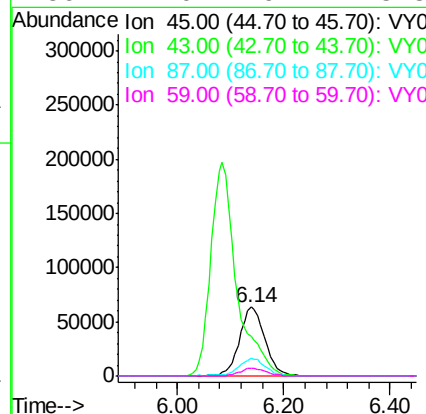
RT: 6.14 min Scan# 722

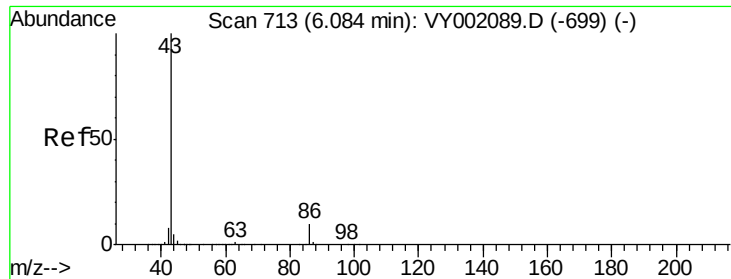
Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion:	45	Resp:	210013
Ion	Ratio	Lower	Upper
45	100		
43	56.8	48.1	72.1
87	25.7	21.1	31.7
59	12.0	9.2	13.8





#23

Vinyl Acetate

Concen: 247.193 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion: 43 Resp: 661311

Ion Ratio Lower Upper

43 100

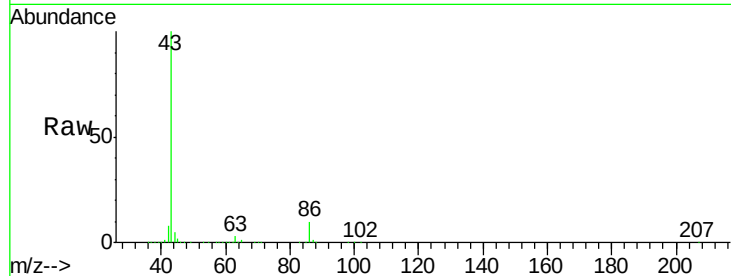
86 10.4 7.9 11.9

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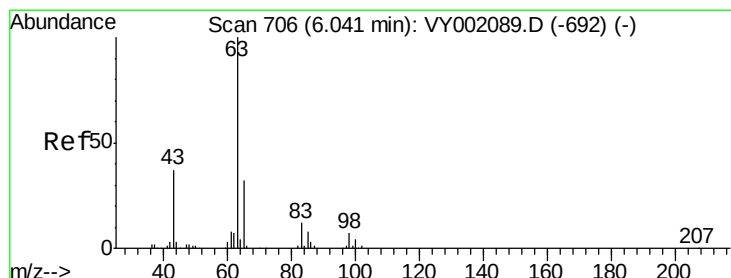
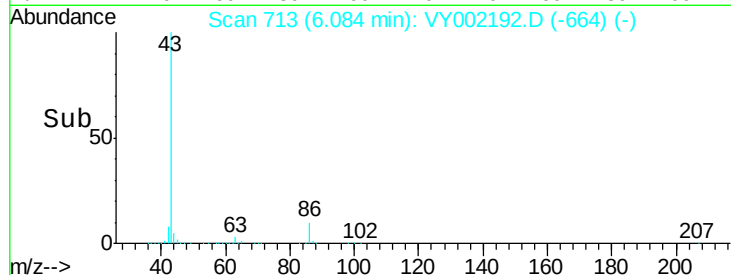
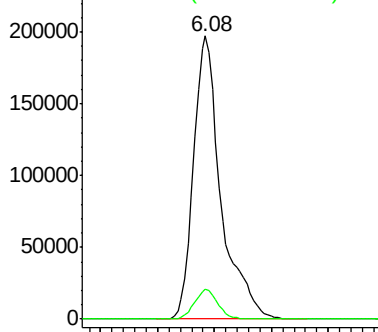
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.380 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

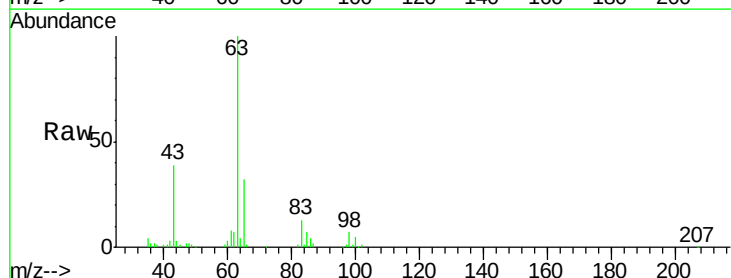
Tgt Ion: 63 Resp: 109284

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

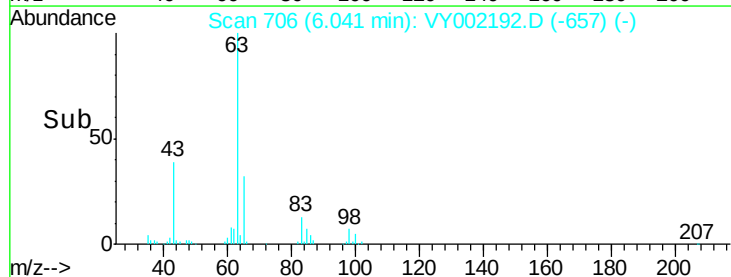
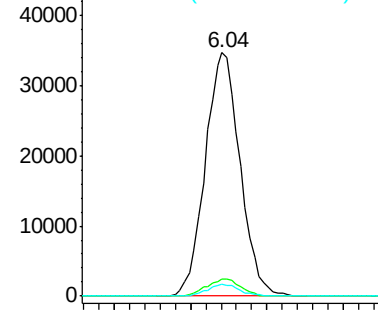
100 4.9 1.8 5.5

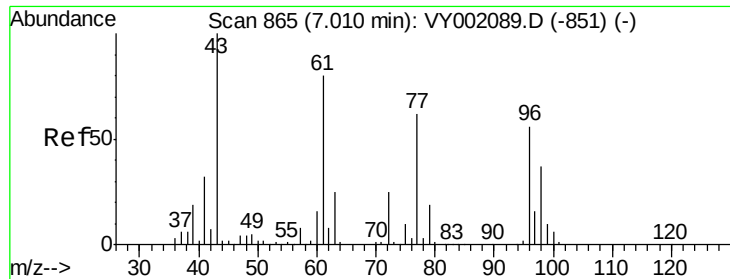


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 247.963 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion: 43 Resp: 118679

Ion Ratio Lower Upper

43 100

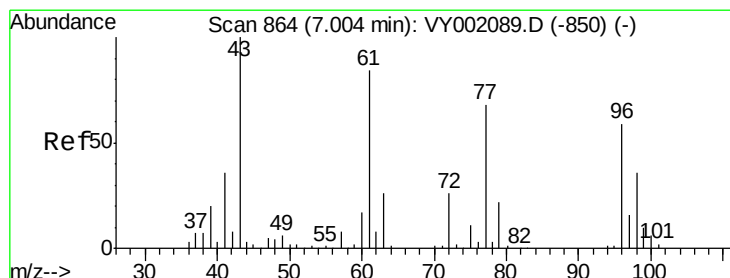
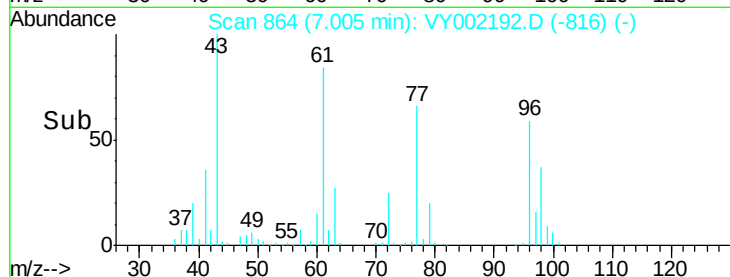
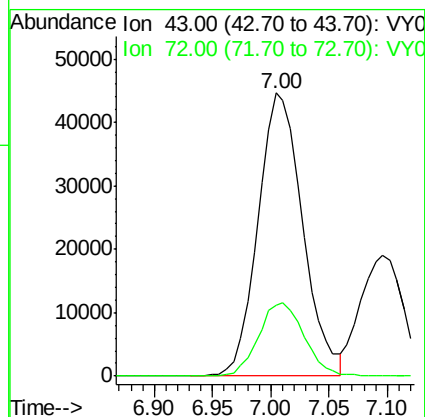
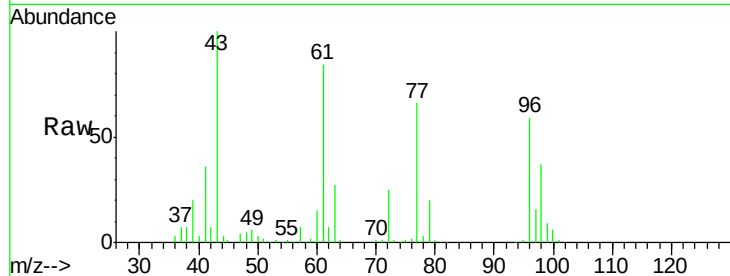
72 25.2 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 49.352 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002192.D

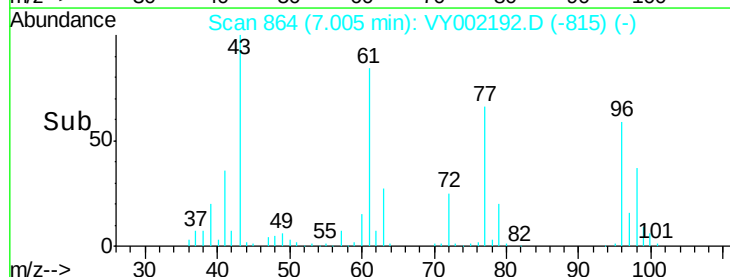
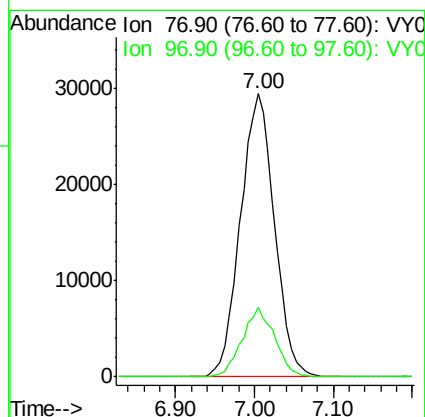
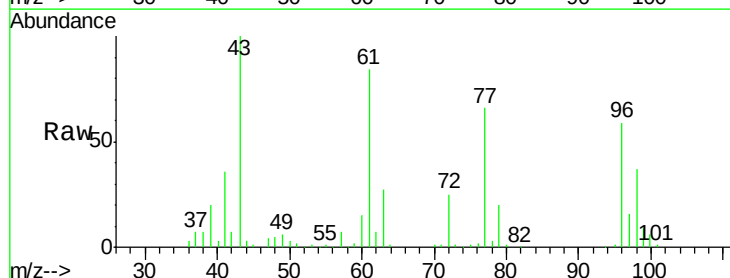
Acq: 02 Apr 2020 15:15

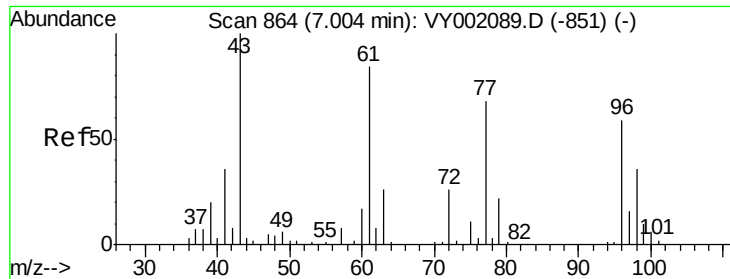
Tgt Ion: 77 Resp: 88170

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





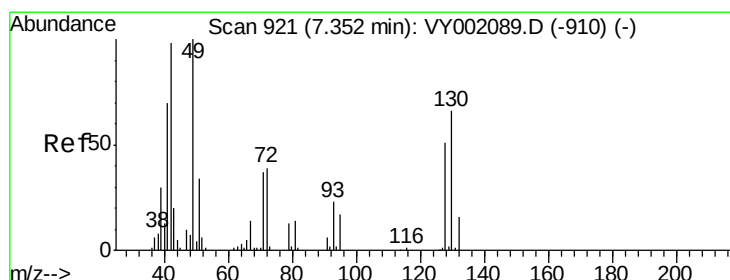
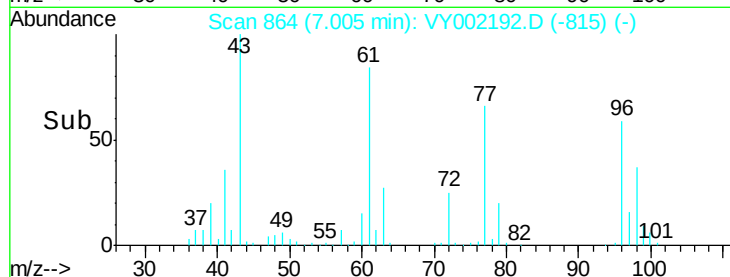
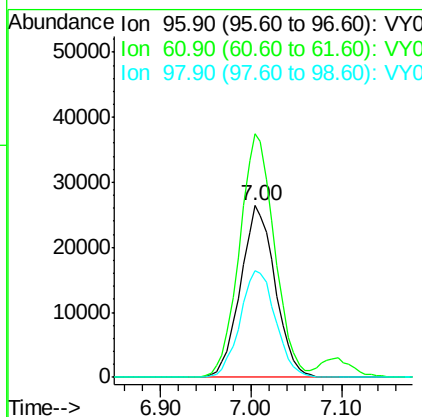
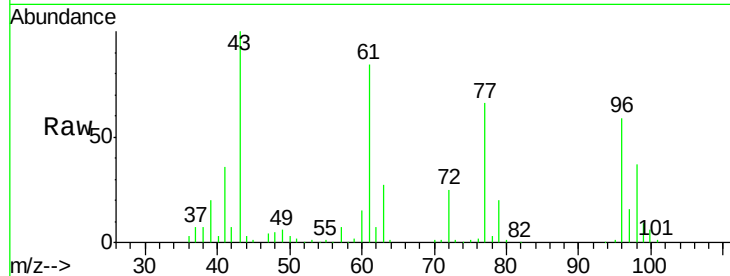
#27
 cis-1,2-Dichloroethene
 Concen: 51.066 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69658		
61	143.4	0.0	290.6	
98	63.7	0.0	128.0	

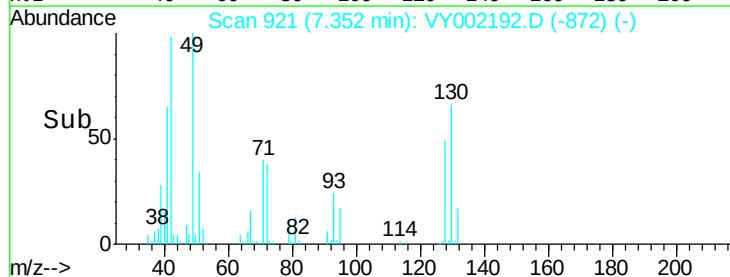
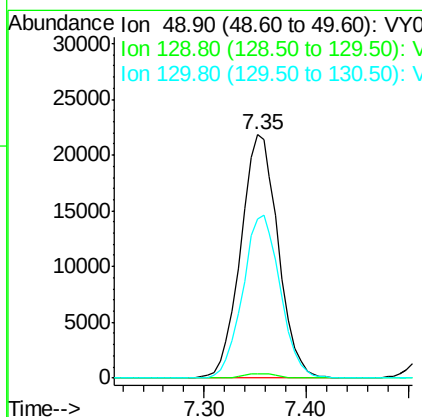
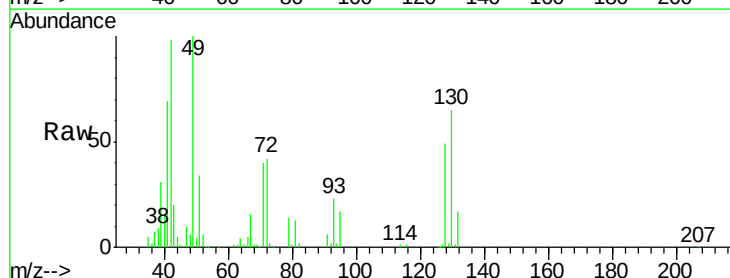
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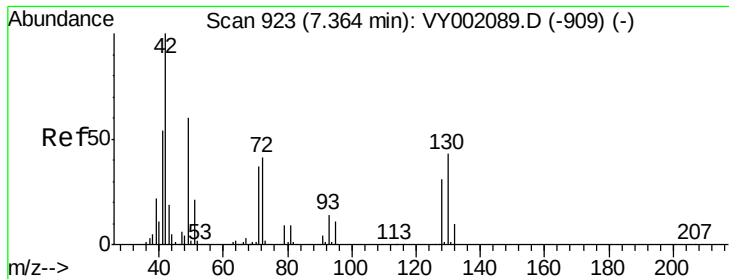
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#28
 Bromochloromethane
 Concen: 56.040 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	55497		
129	1.7	0.0	3.4	
130	67.1	54.1	81.1	





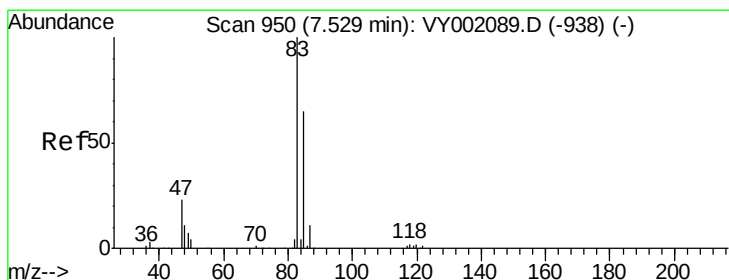
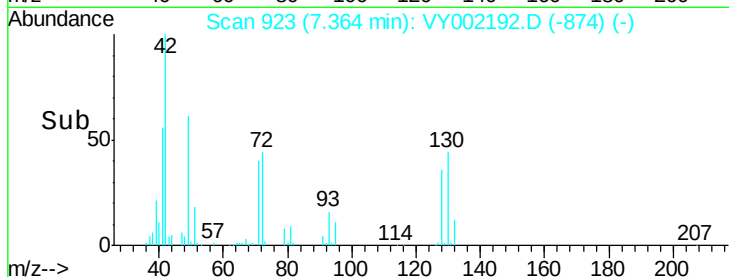
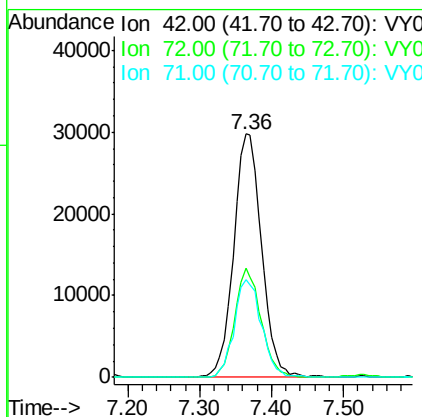
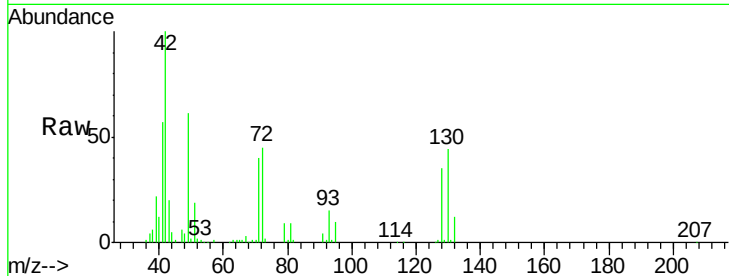
#29
Tetrahydrofuran
Concen: 255.435 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.0	49.4
71	39.2	31.2	46.8

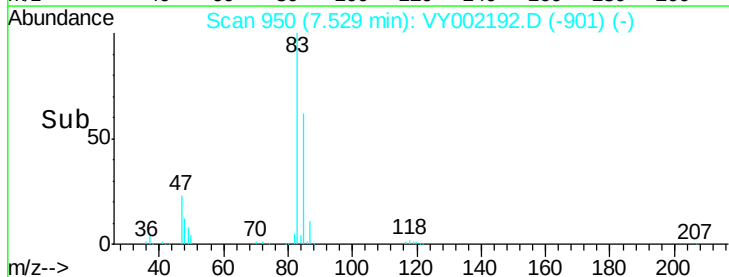
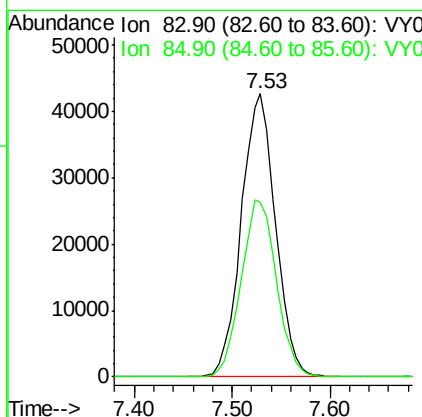
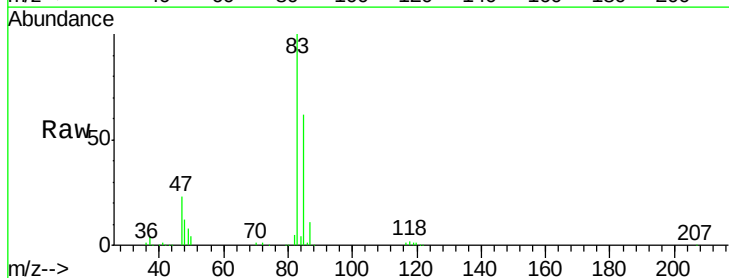
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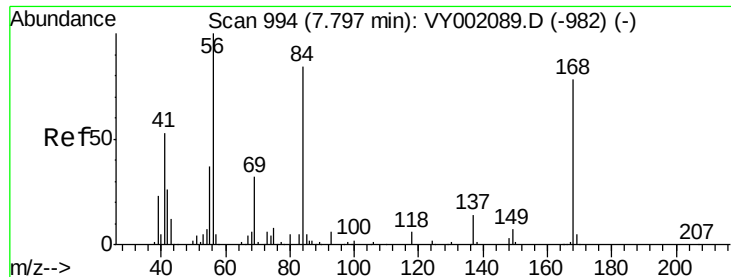
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#30
Chloroform
Concen: 50.156 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.4	78.6





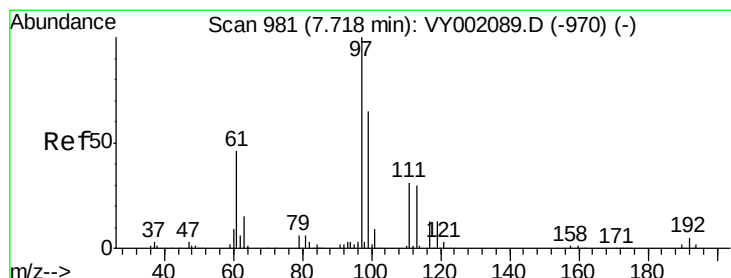
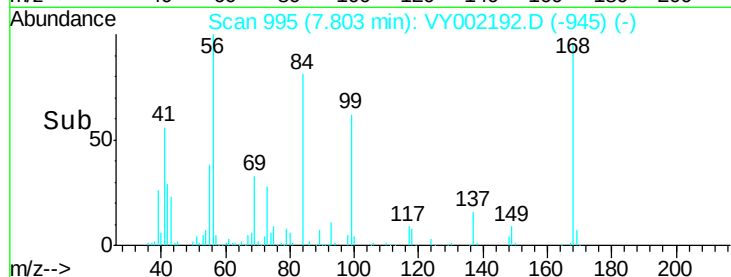
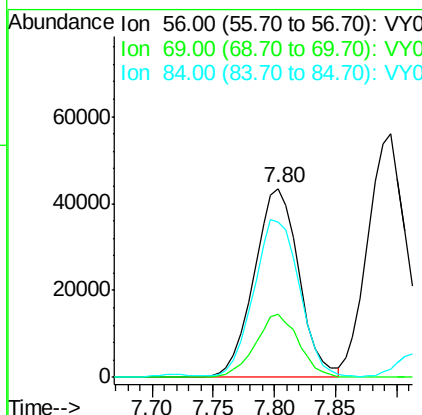
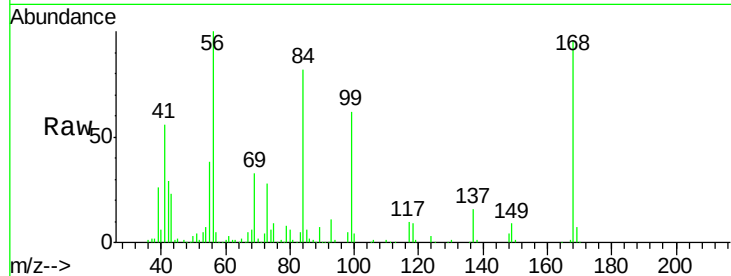
#31
Cyclohexane
Concen: 47.943 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.8	38.8
84	81.1	67.1	100.7

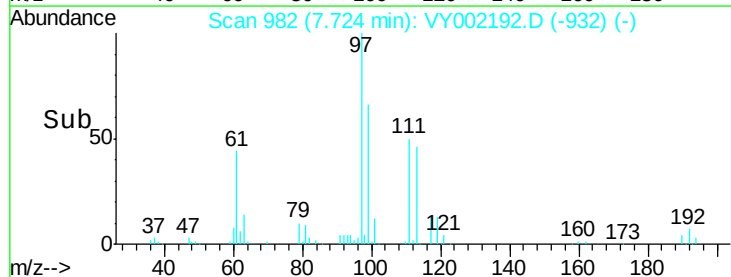
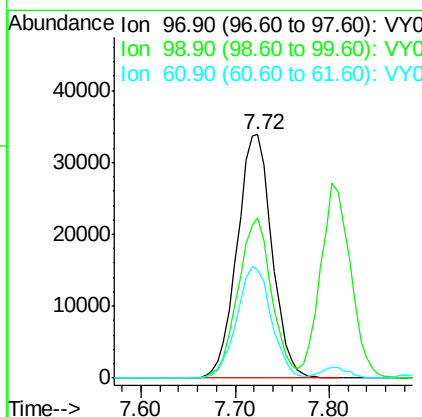
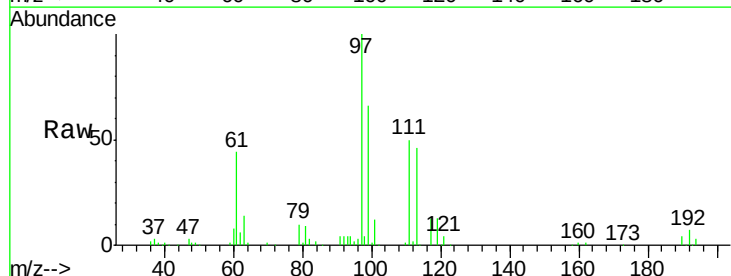
Manual Integrations
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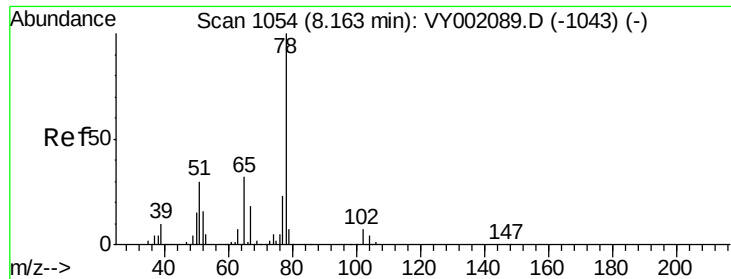
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#32
1,1,1-Trichloroethane
Concen: 51.003 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.0	78.0
61	45.3	35.7	53.5





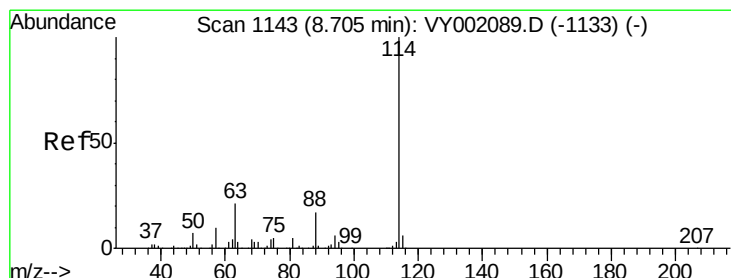
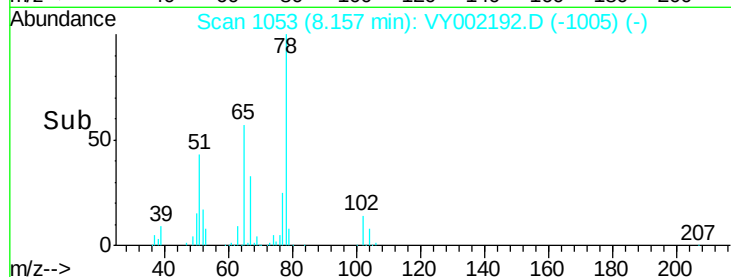
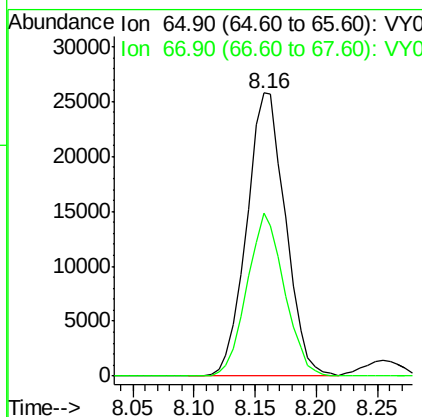
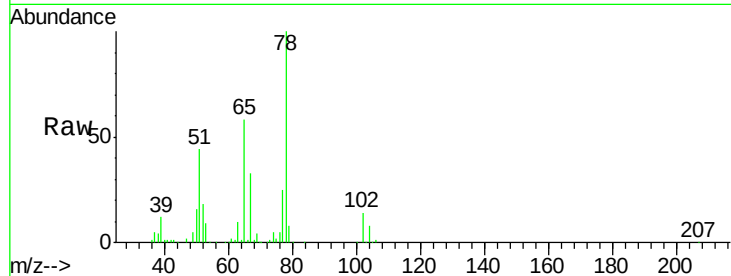
#33
 1,2-Dichloroethane-d4
 Concen: 51.311 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	56927		
67	55.2	0.0	112.8	

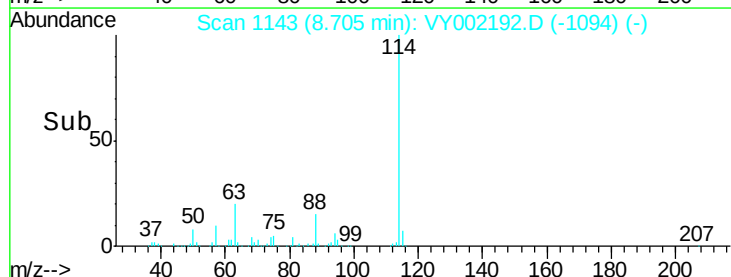
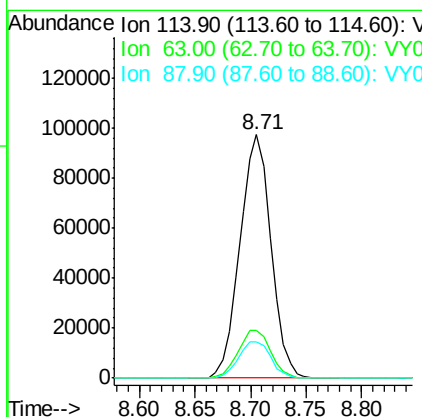
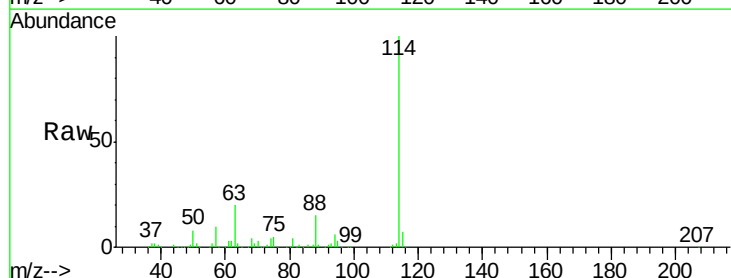
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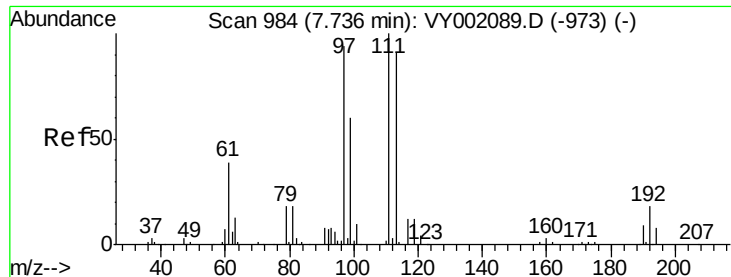
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	188248		
63	19.8	0.0	41.4	
88	15.1	0.0	33.0	





#35

Dibromofluoromethane

Concen: 50.240 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

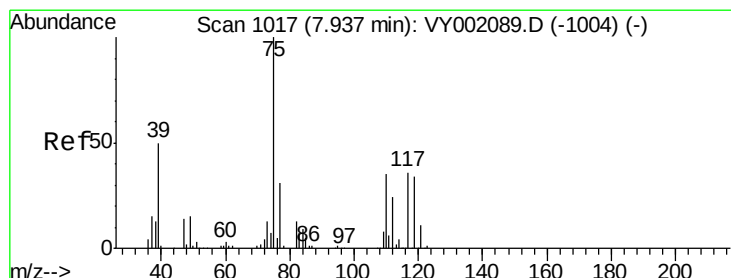
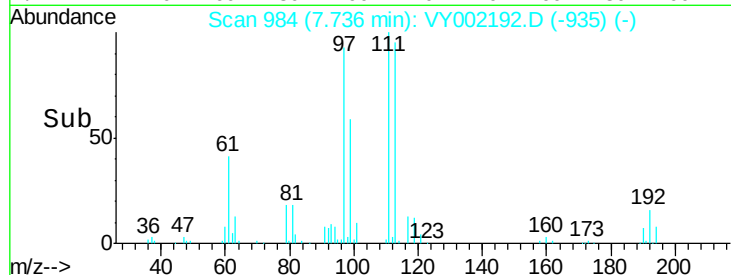
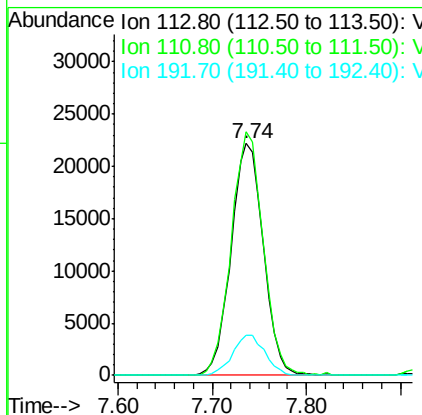
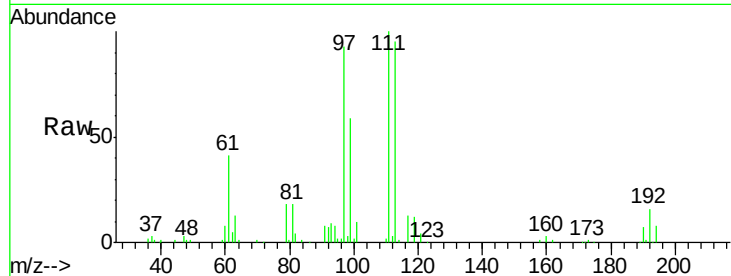
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	113	Resp:	52992
Ion	Ratio	Lower	Upper
113	100		
111	103.5	84.4	126.6
192	17.3	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 48.102 ug/l

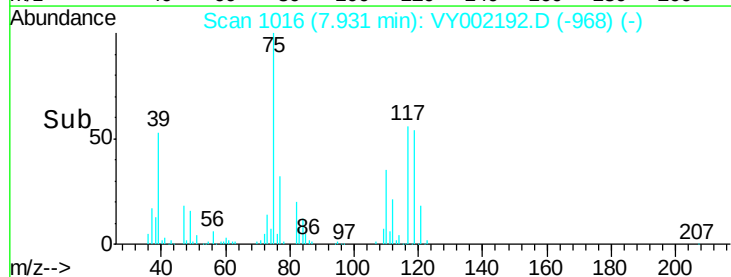
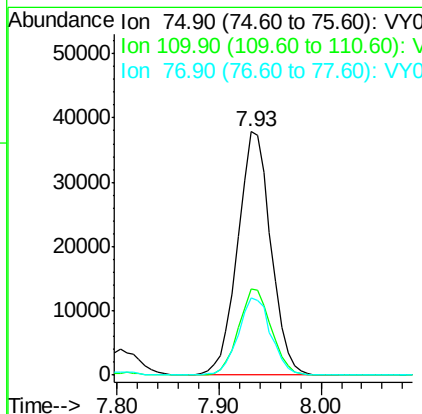
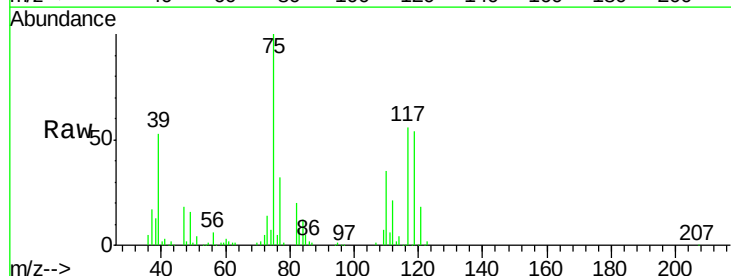
RT: 7.93 min Scan# 1016

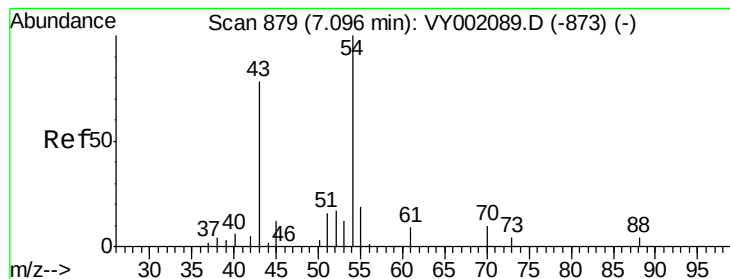
Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion:	75	Resp:	85649
Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.2	51.6
77	31.6	24.7	37.1





#37

Ethyl Acetate

Concen: 48.055 ug/l

RT: 7.10 min Scan# 879

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

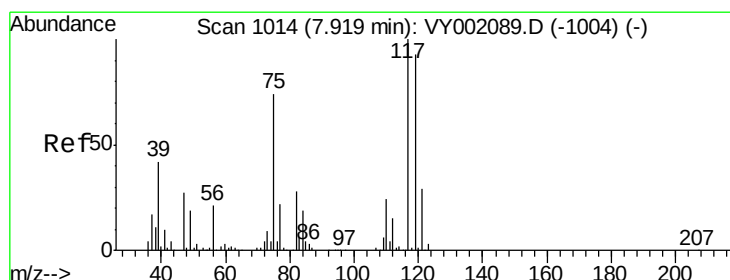
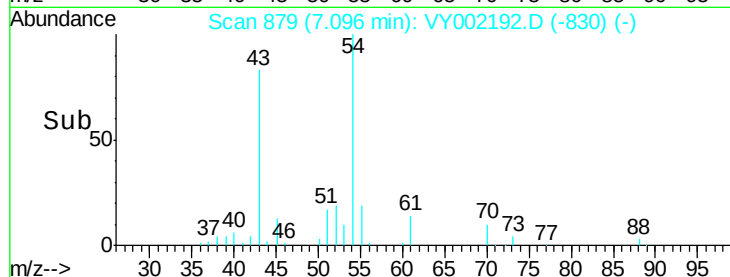
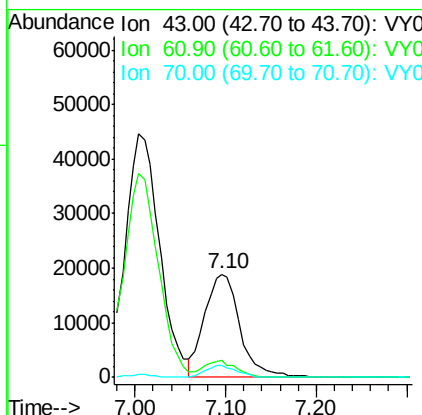
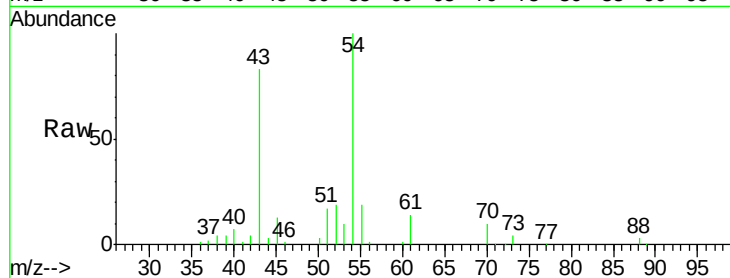
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	43	Resp:	51707
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.2	16.8
70	10.6	8.2	12.4

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#38

Carbon Tetrachloride

Concen: 48.840 ug/l

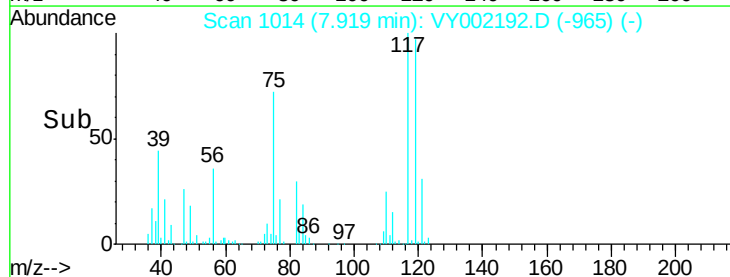
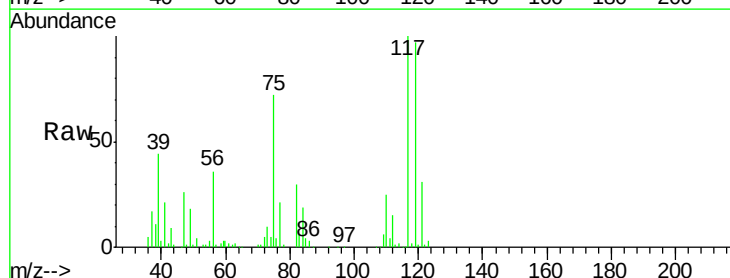
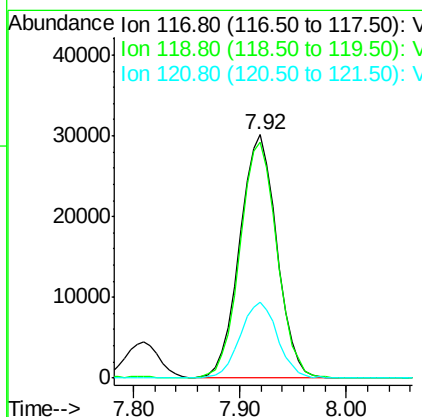
RT: 7.92 min Scan# 1014

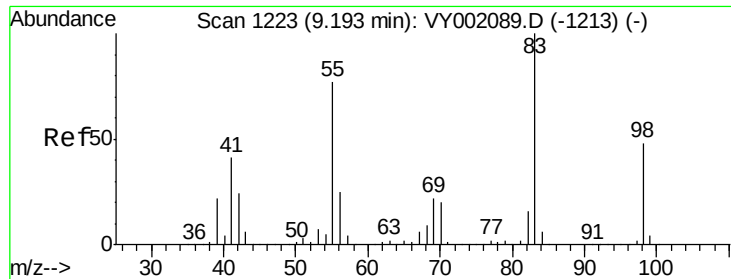
Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion:	117	Resp:	73781
Ion	Ratio	Lower	Upper
117	100		
119	97.0	74.3	111.5
121	31.4	23.3	34.9





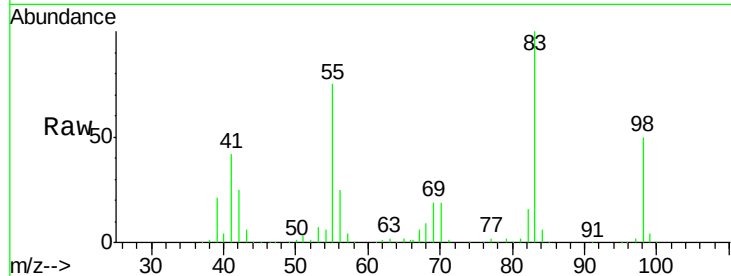
#39
Methylvlcyclohexane
Concen: 47.902 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

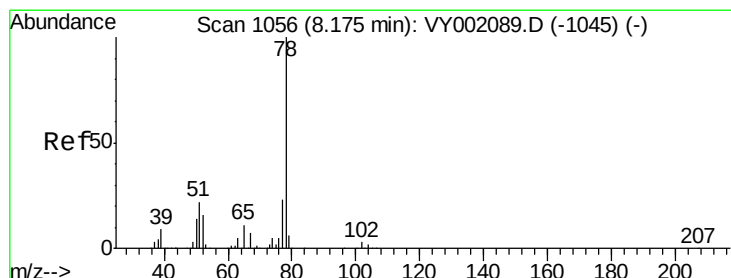
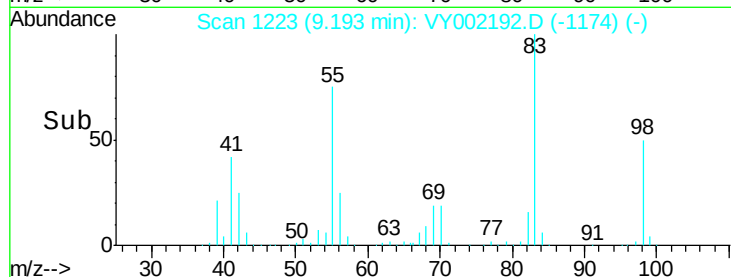
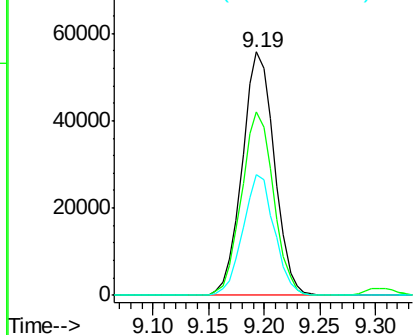
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	61.2	91.8
98	49.8	38.2	57.2

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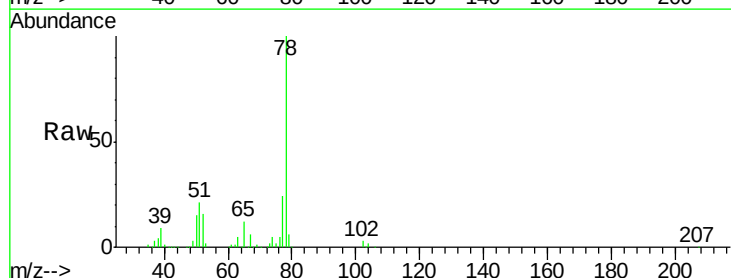


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

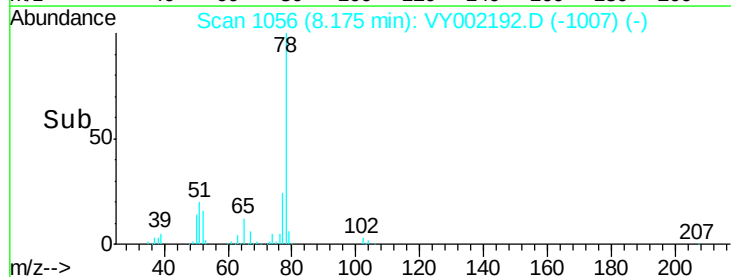
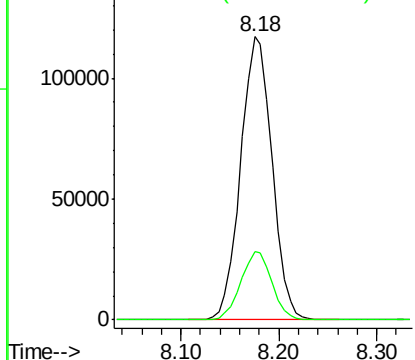


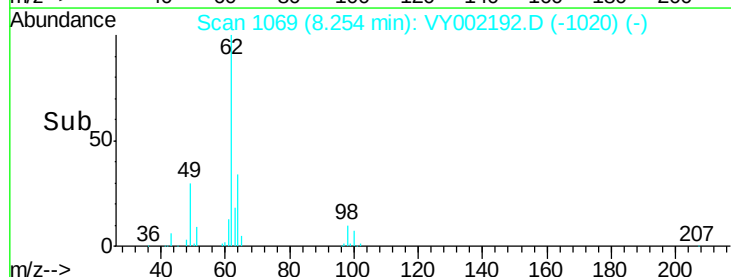
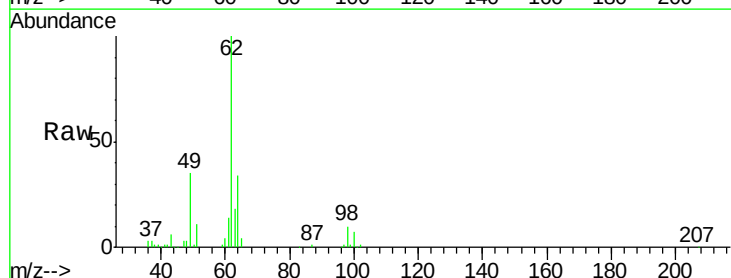
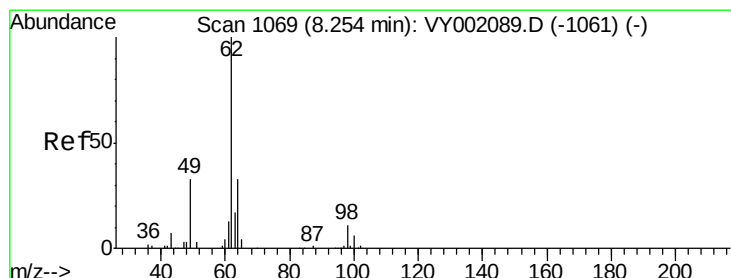
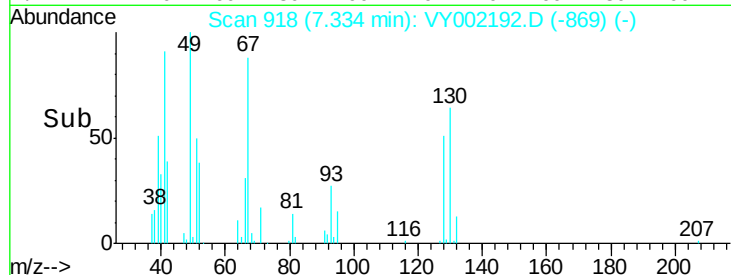
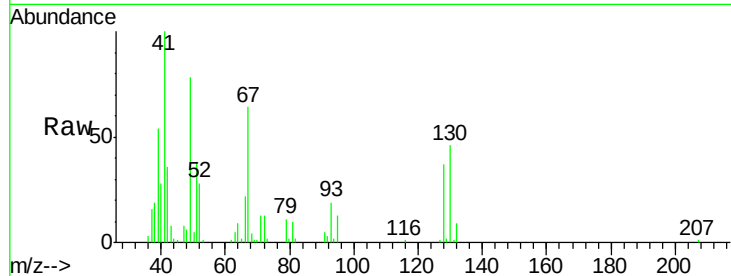
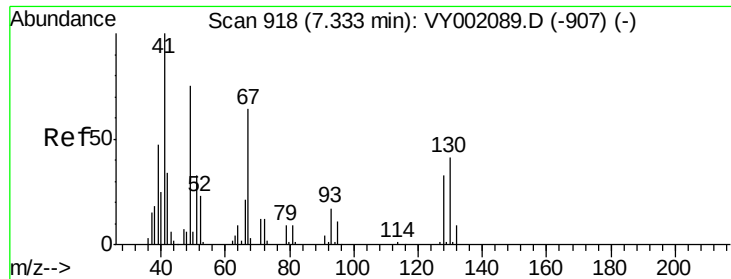
#40
Benzene
Concen: 49.368 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.4



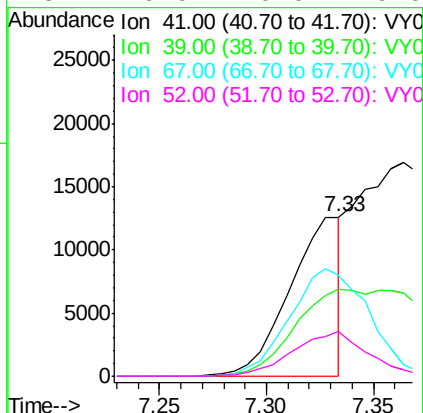
Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41
Methacrylonitrile
Concen: 39.541 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tot Ion	41	Resp	21521
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



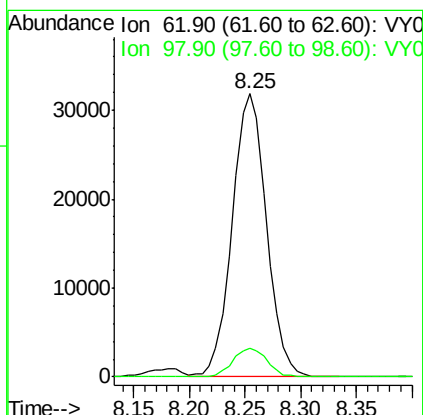
Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)MS

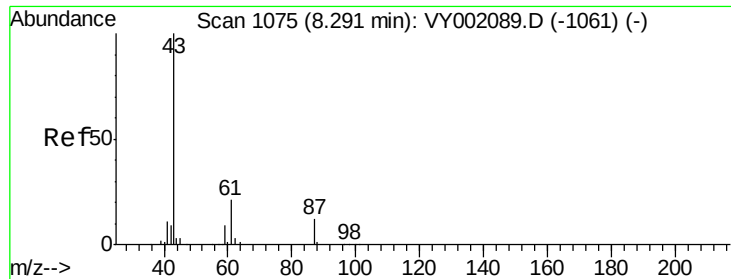
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 48.537 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	62	Resp	67965
Ion Ratio	Lower	Upper	
62	100		
98	10.2	0.0	21.2





#43

Isopropyl Acetate

Concen: 49.293 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

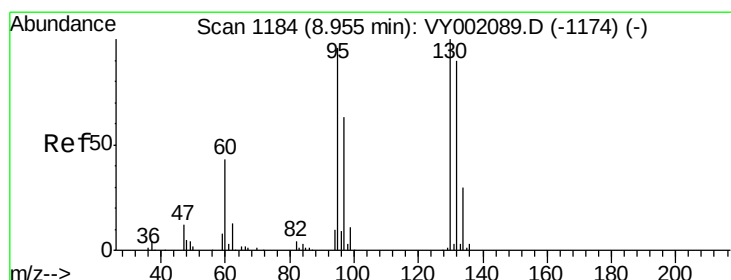
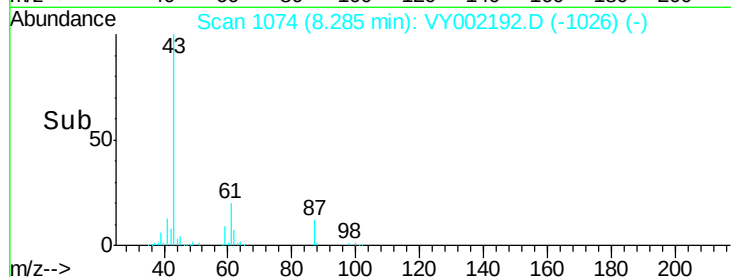
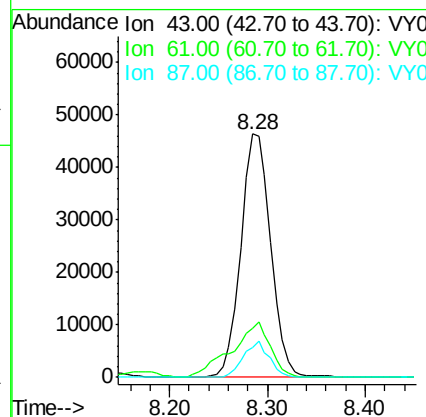
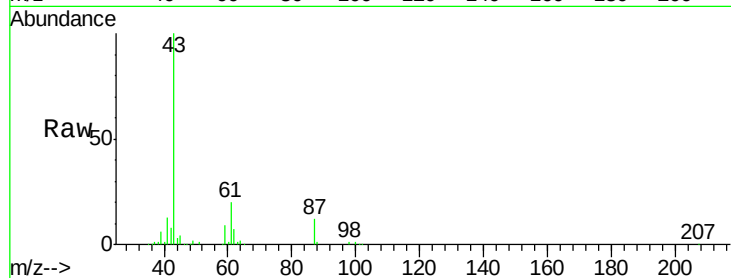
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	43	Resp:	98443
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.4	35.2
87	13.1	10.2	15.4

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#44

Trichloroethene

Concen: 49.322 ug/l

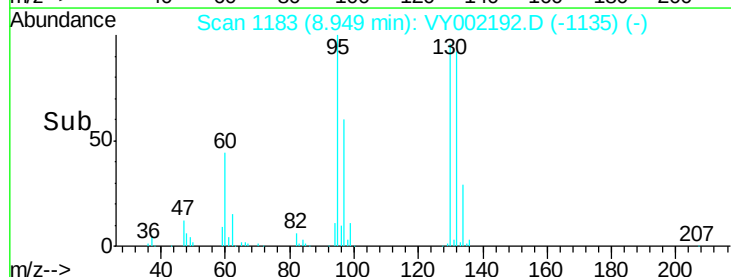
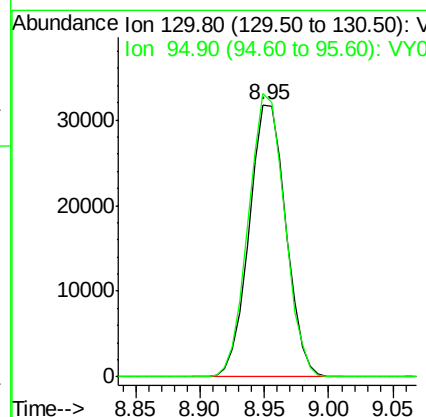
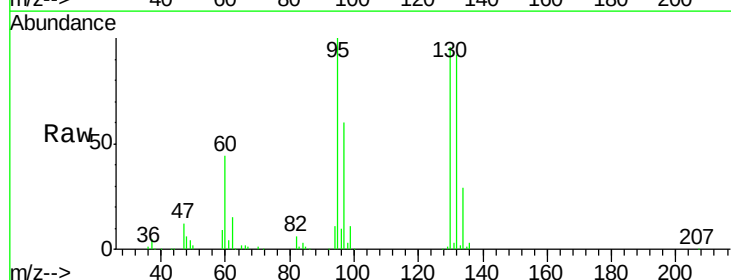
RT: 8.95 min Scan# 1183

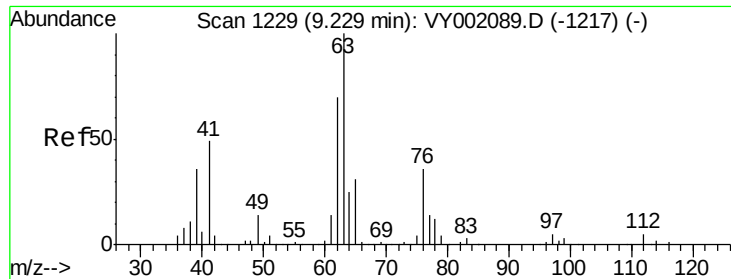
Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion:	130	Resp:	62706
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	193.0





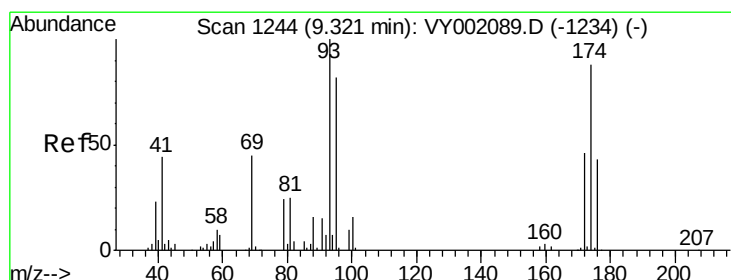
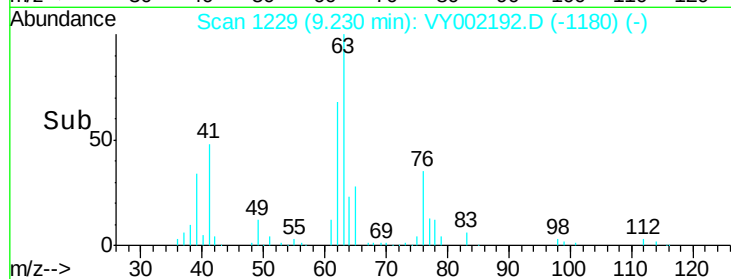
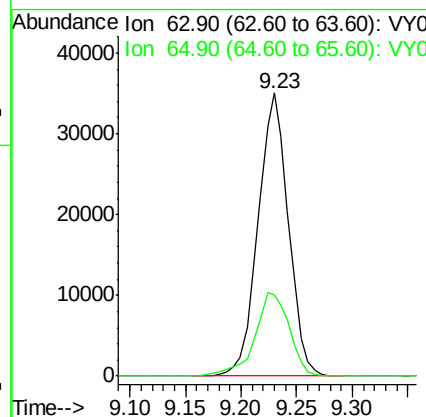
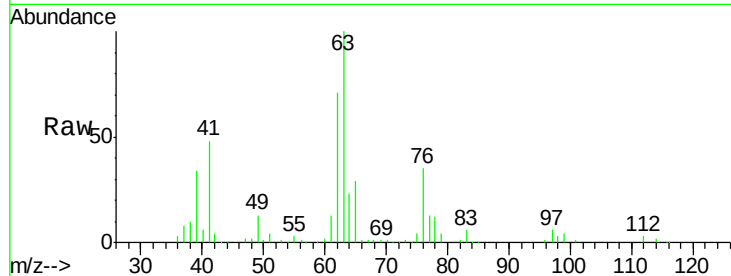
#45
 1,2-Dichloropropane
 Concen: 49.483 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.9	25.0	37.6

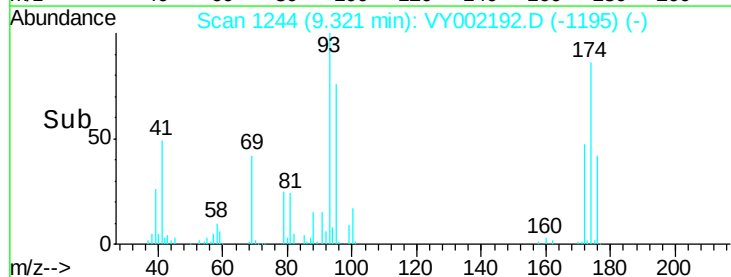
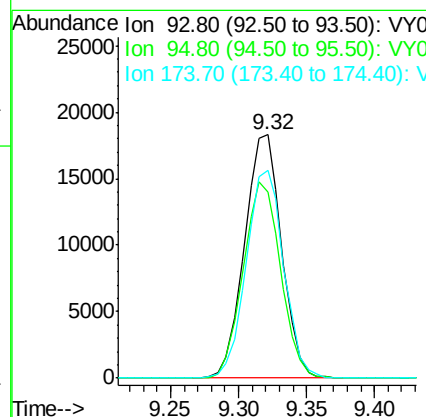
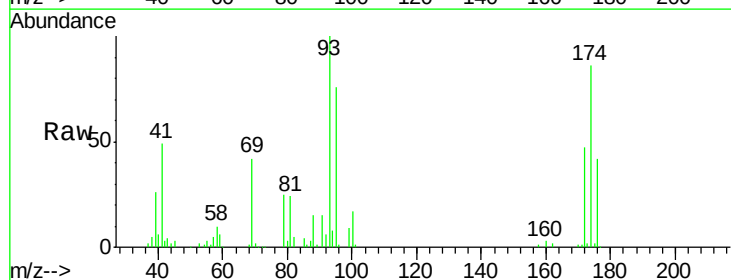
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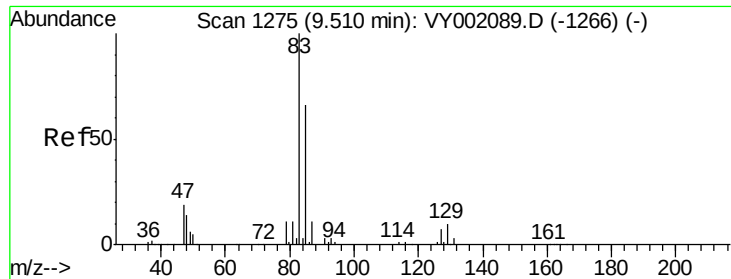
MMDadoda
 4/6/2020 11:28:24 AM



#46
 Dibromomethane
 Concen: 50.518 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	66.0	99.0
174	86.7	69.8	104.8





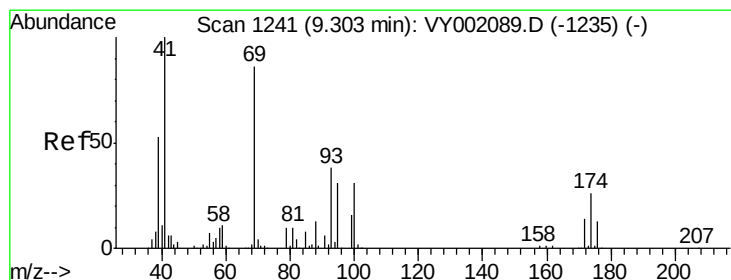
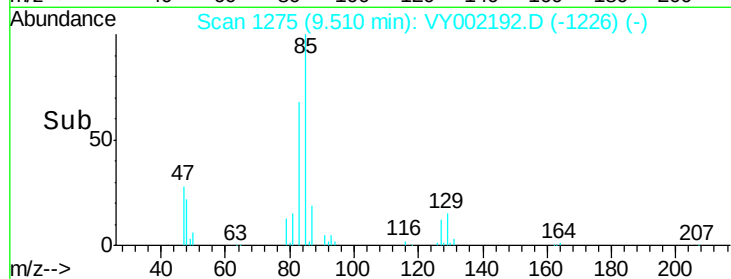
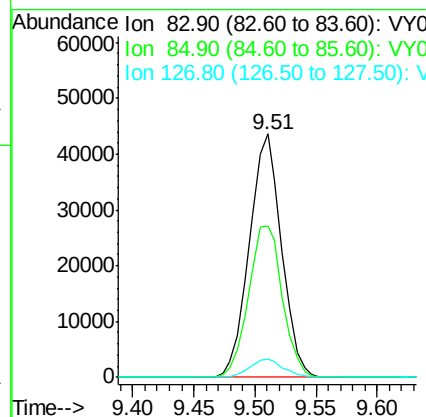
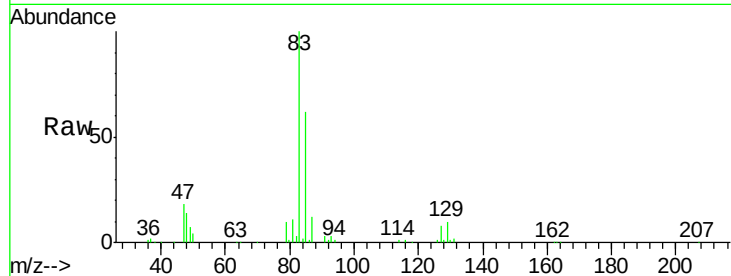
#47
Bromodichloromethane
Concen: 49.788 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	83	Resp	79936
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	52.6	79.0
127	7.5	5.9	8.9

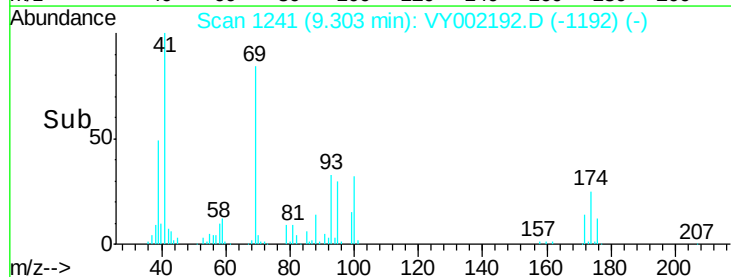
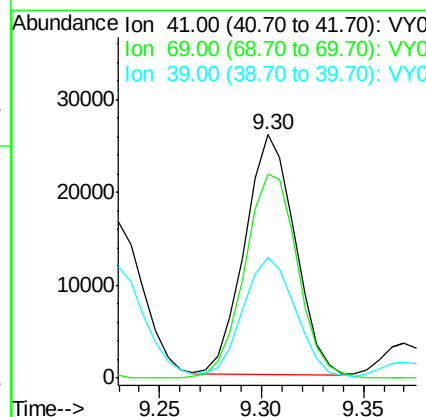
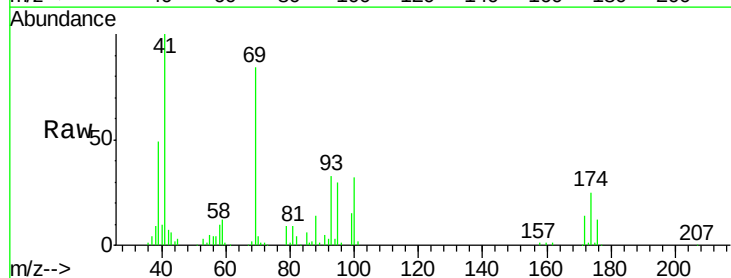
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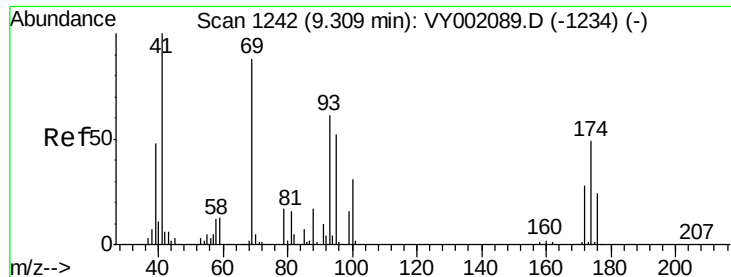
MMDadoda
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#48
Methyl methacrylate
Concen: 49.344 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	41	Resp	44161
Ion Ratio	100	Lower	Upper
41	100		
69	89.6	71.4	107.0
39	53.7	41.0	61.4





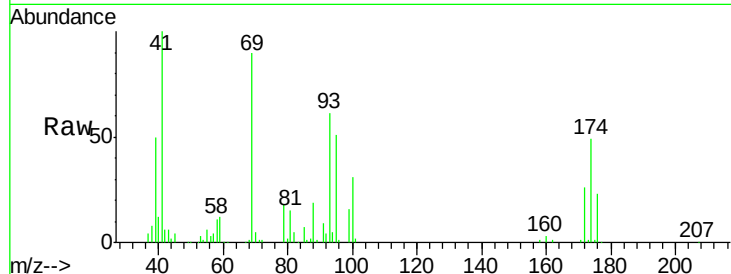
#49
1,4-Dioxane
Concen: 1057.896 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	30.1	27.2	40.8	
58	63.5	59.8	89.8	

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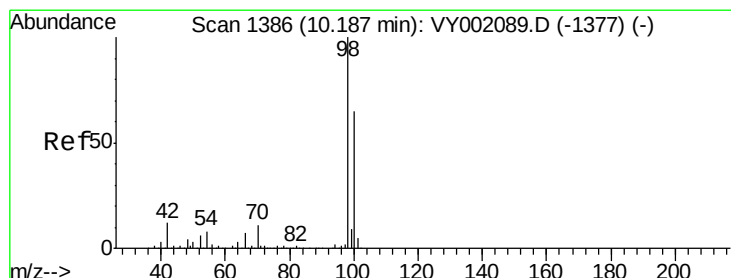
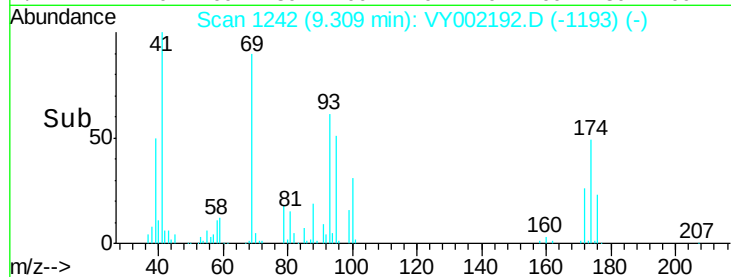
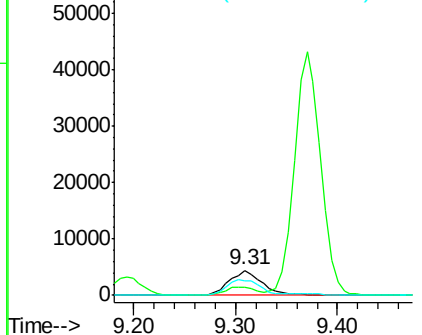


Abundance

Ion 88.00 (87.70 to 88.70): VY002192.D (-1193) (-)

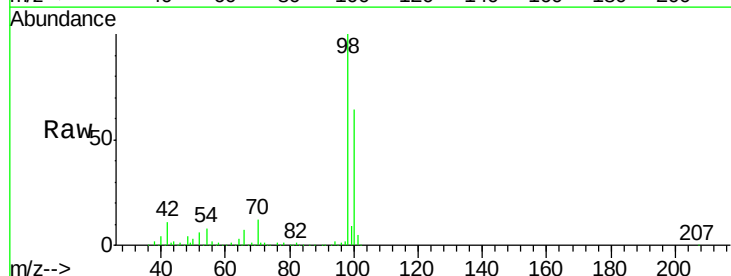
Ion 43.00 (42.70 to 43.70): VY002192.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY002192.D (-1193) (-)



#50
Toluene-d8
Concen: 49.764 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

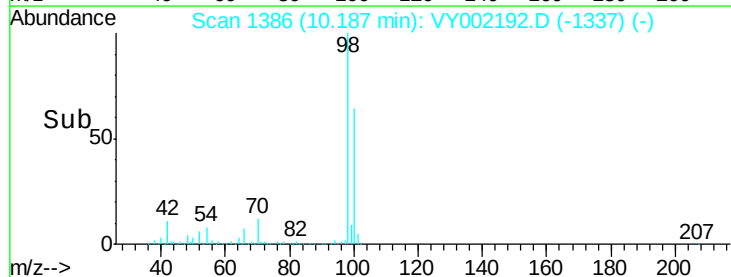
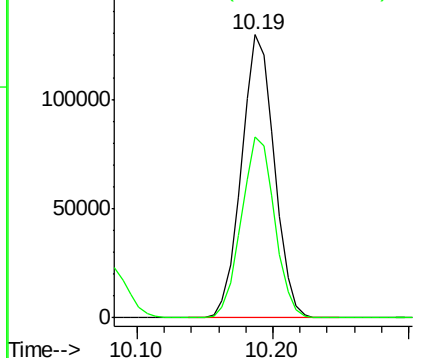
Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	64.9	51.6	77.4	

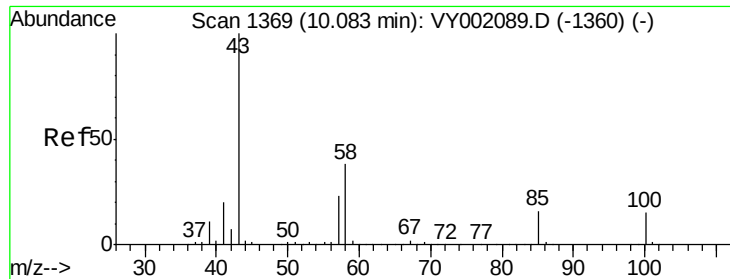


Abundance

Ion 98.00 (97.70 to 98.70): VY002192.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY002192.D (-1337) (-)





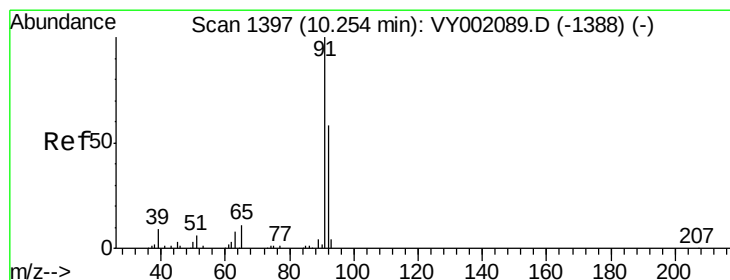
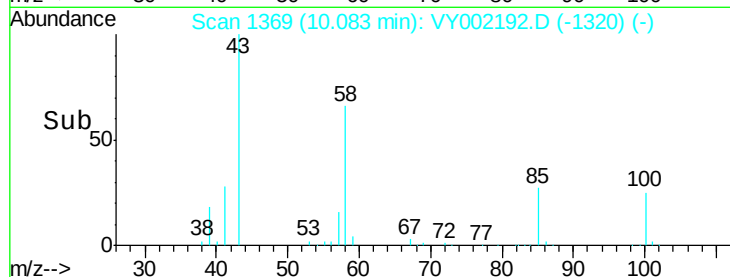
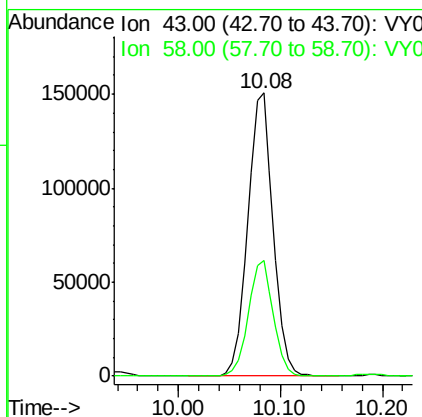
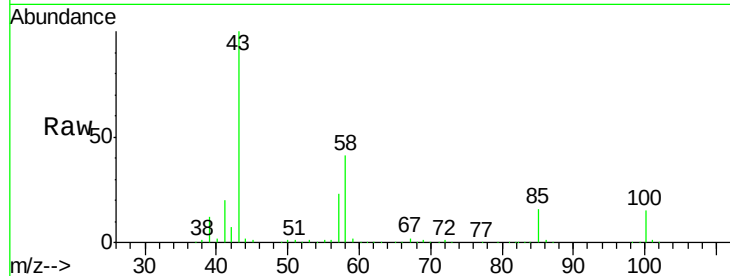
#51
4-Methyl-2-Pentanone
Concen: 252.896 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	40.0		31.6	47.4	

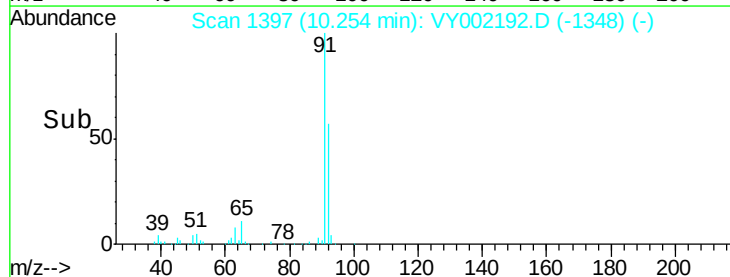
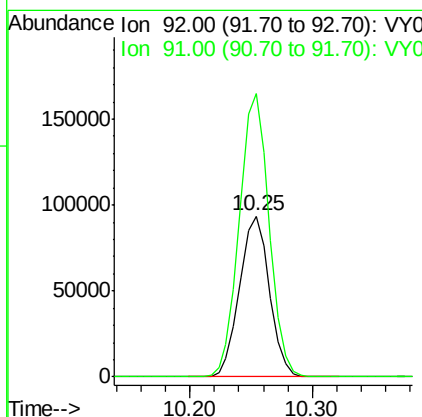
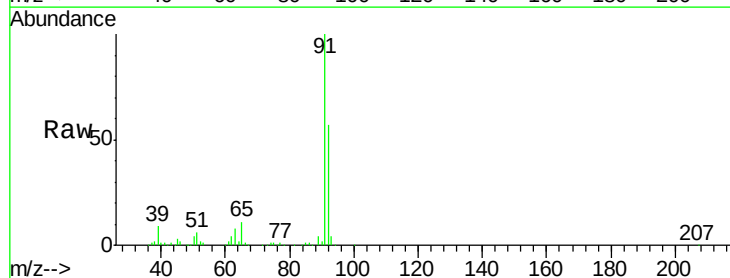
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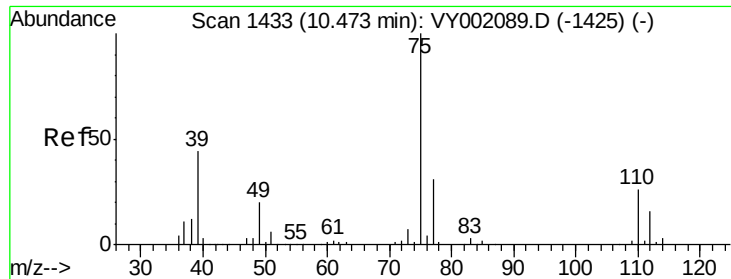
MMDadoda
4/6/2020 11:28:24 AM



#52
Toluene
Concen: 49.730 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	175.1		139.3	208.9	





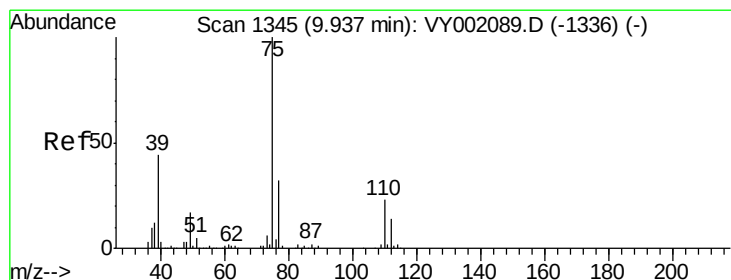
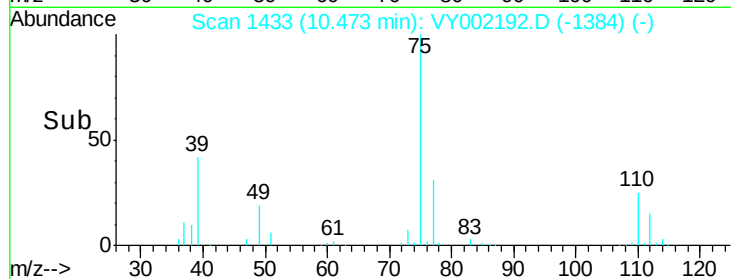
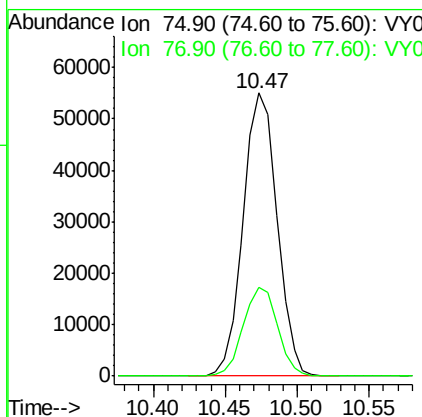
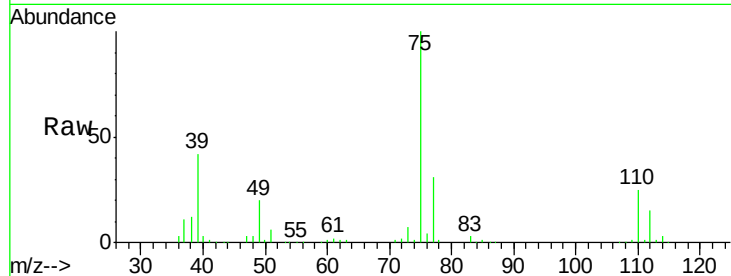
#53
 t-1,3-Dichloropropene
 Concen: 50.364 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

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

Tot Ion	Ion	Ratio	Lower	Upper
75	75	100		
77	77	31.3	25.2	37.8

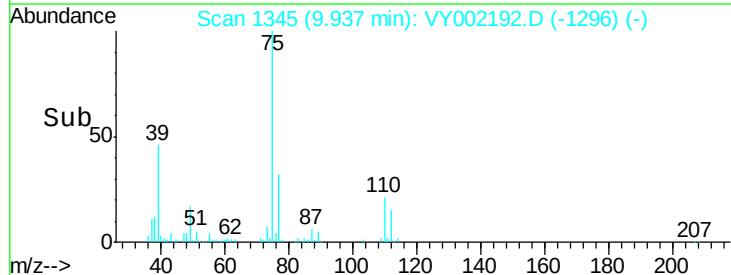
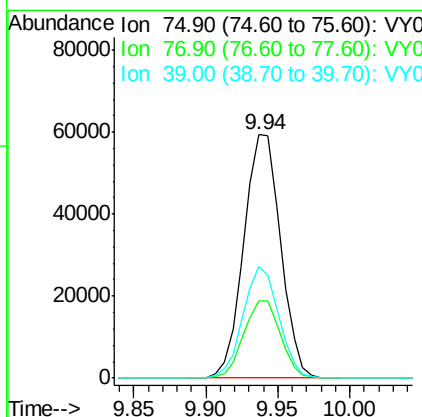
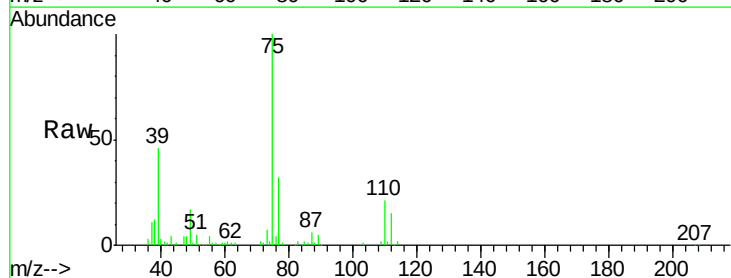
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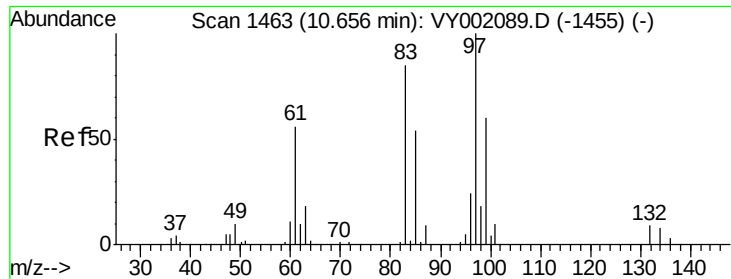
MMDadoda
 4/6/2020 11:28:24 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.035 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ion	Ratio	Lower	Upper
75	75	100		
77	77	31.6	25.6	38.4
39	39	45.8	35.2	52.8





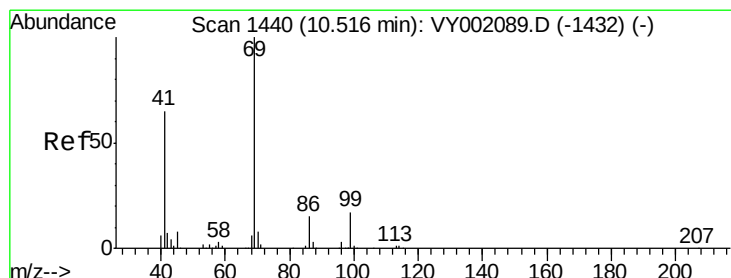
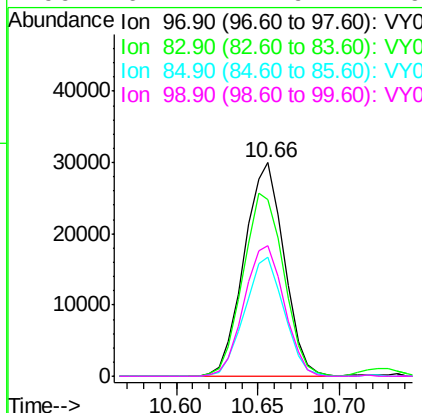
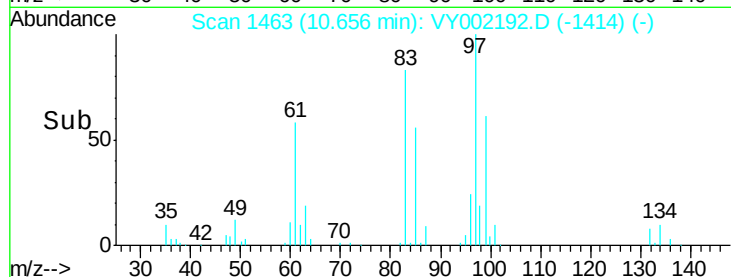
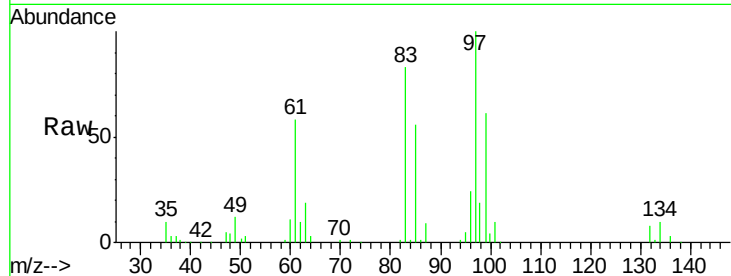
#55
 1,1,2-Trichloroethane
 Concen: 49.988 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

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

Tot Ion:	97	Resp:	51025
Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.2	102.2
85	55.8	42.9	64.3
99	61.4	47.9	71.9

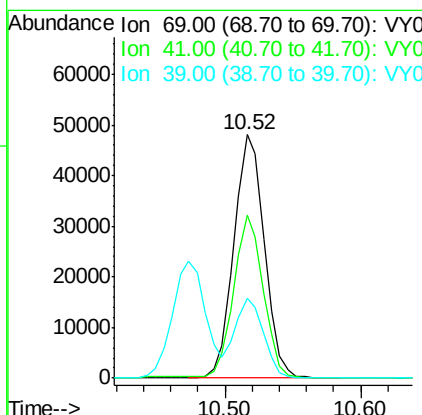
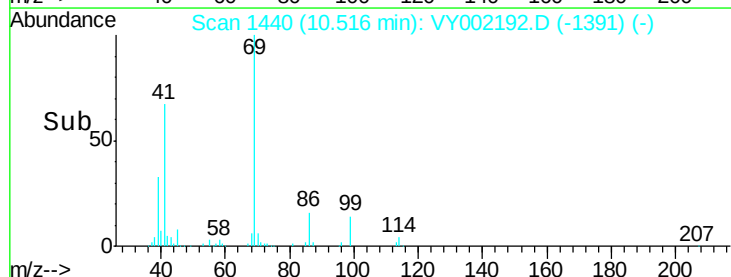
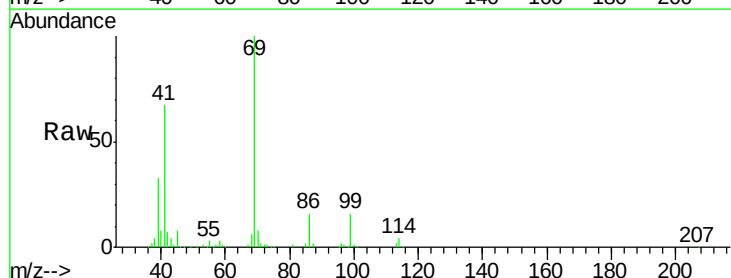
Manual Integrations
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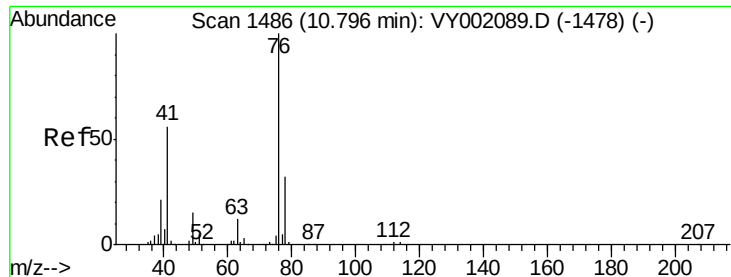
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 50.219 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion:	69	Resp:	74871
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.8	79.2
39	31.0	25.0	37.6





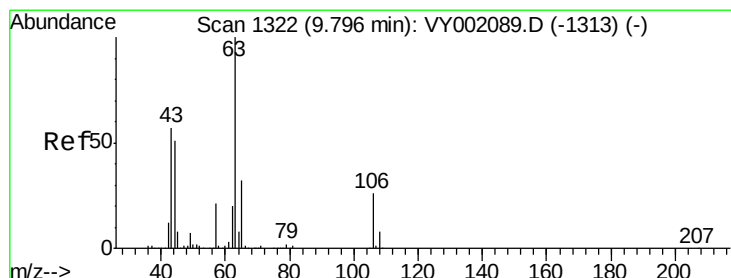
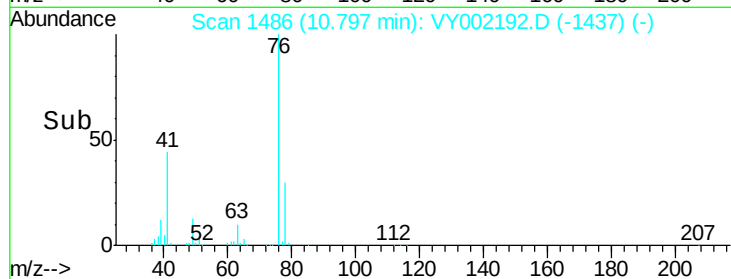
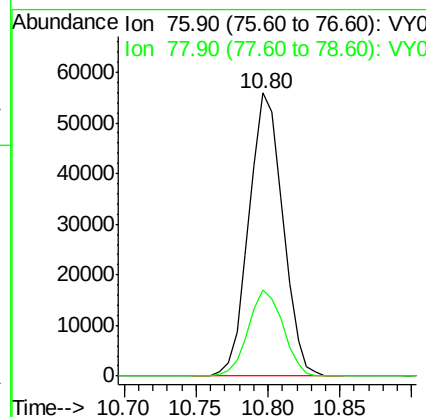
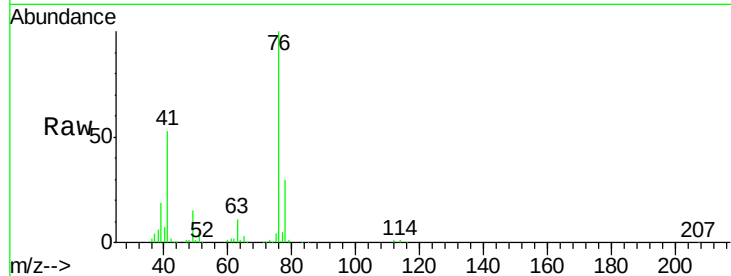
#57
 1,3-Dichloropropane
 Concen: 50.427 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.2	26.1	39.1

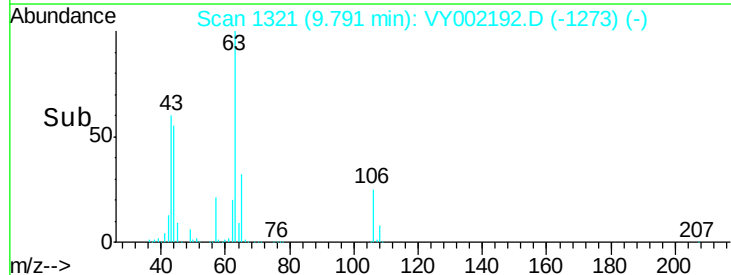
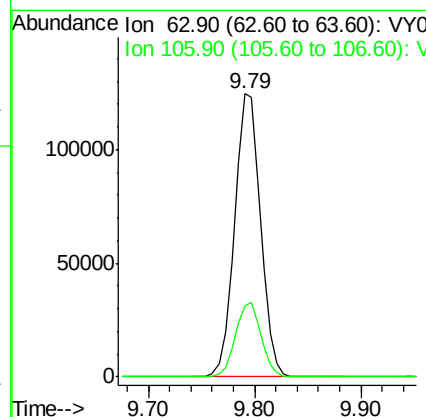
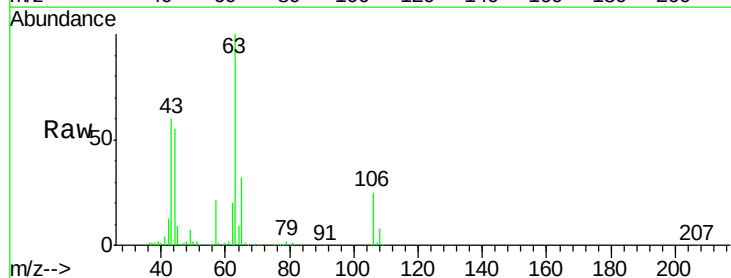
Manual Integrations
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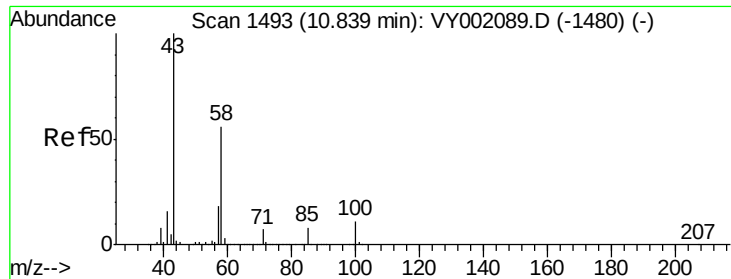
MMDadoda
 4/6/2020 11:28:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.848 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.0	31.4





#59

2-Hexanone

Concen: 257.287 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion: 43 Resp: 186375

Ion Ratio Lower Upper

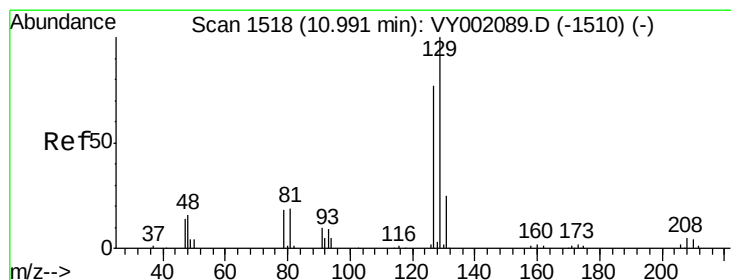
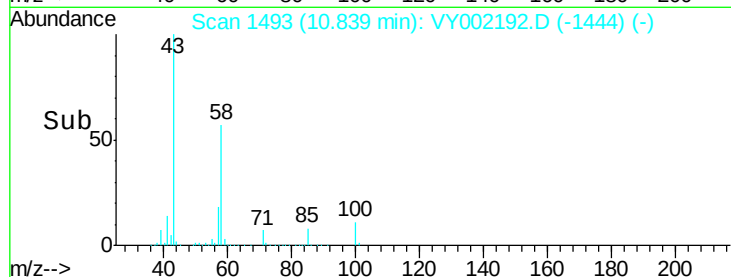
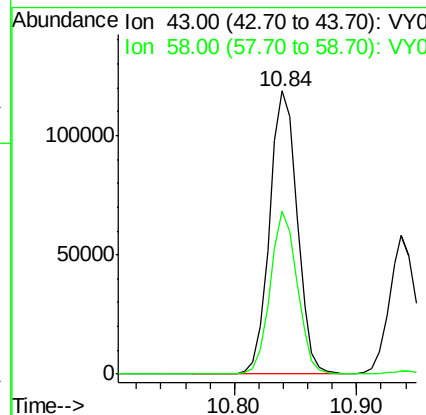
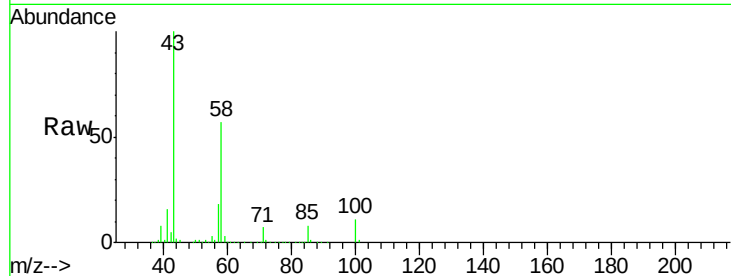
43 100

58 56.2 27.9 83.6

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#60

Dibromochloromethane

Concen: 50.529 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VY002192.D

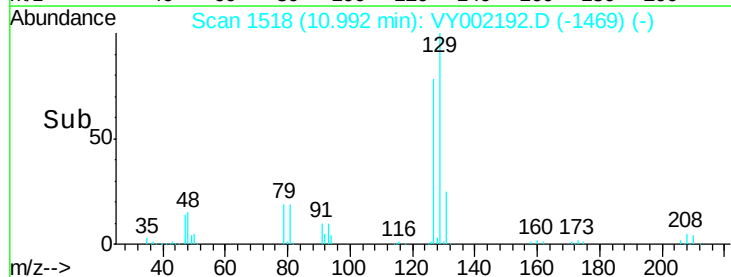
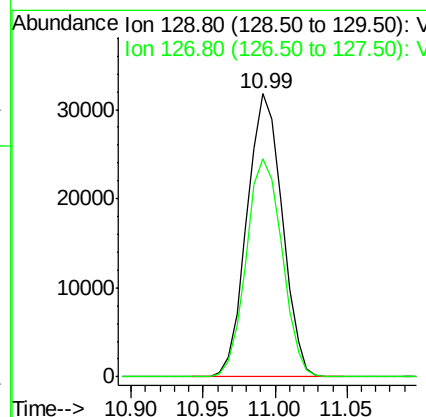
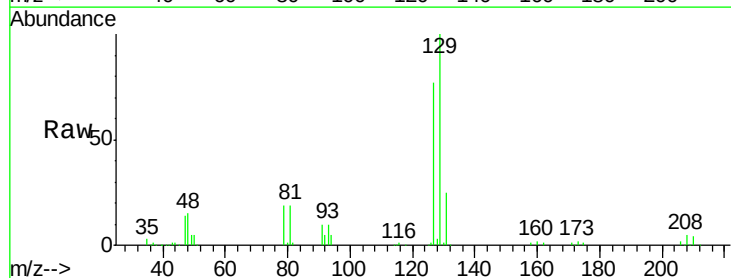
Acq: 02 Apr 2020 15:15

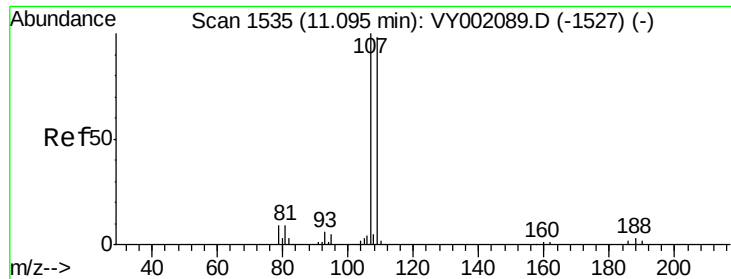
Tgt Ion: 129 Resp: 53972

Ion Ratio Lower Upper

129 100

127 78.0 38.7 116.1





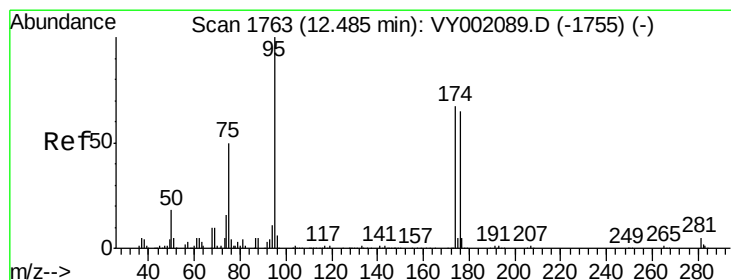
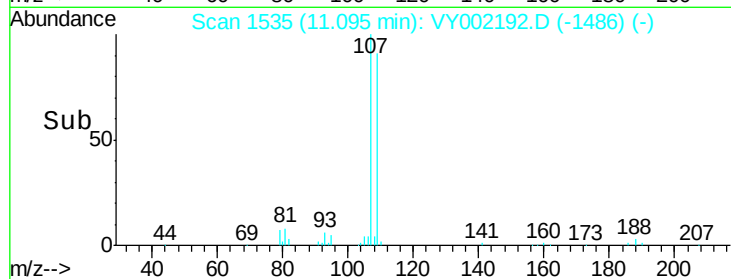
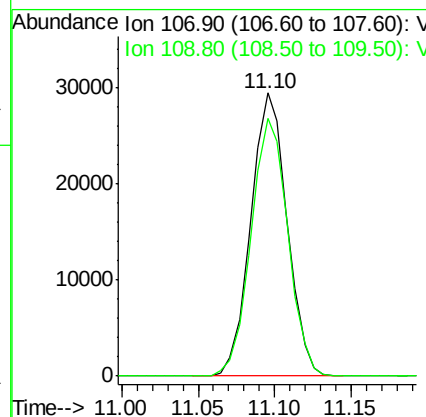
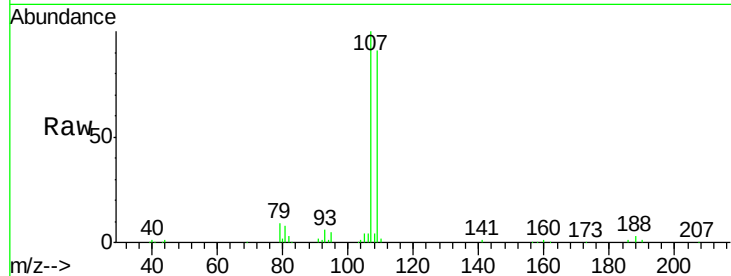
#61
 1,2-Dibromoethane
 Concen: 50.727 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	76.3	114.5

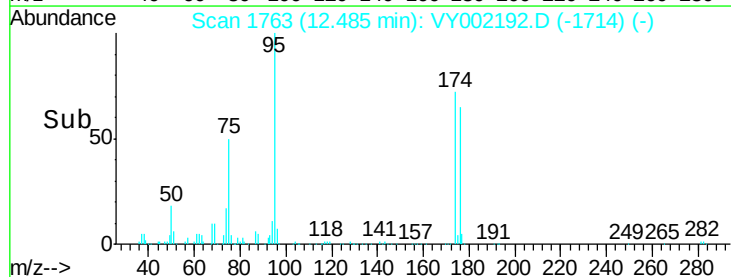
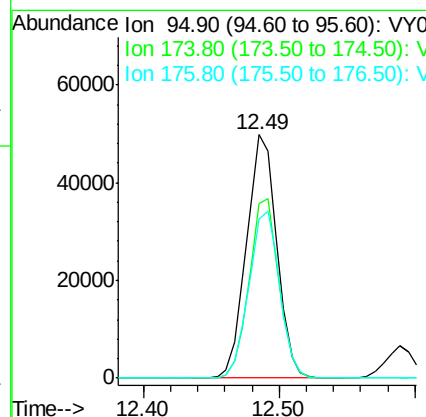
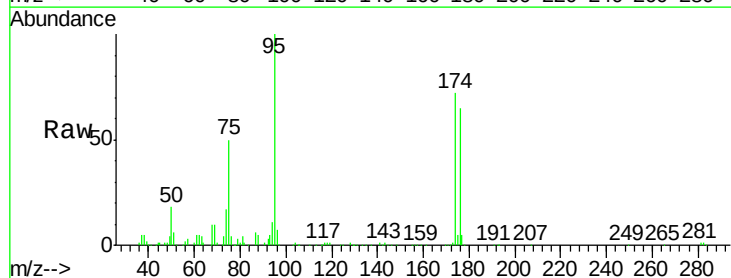
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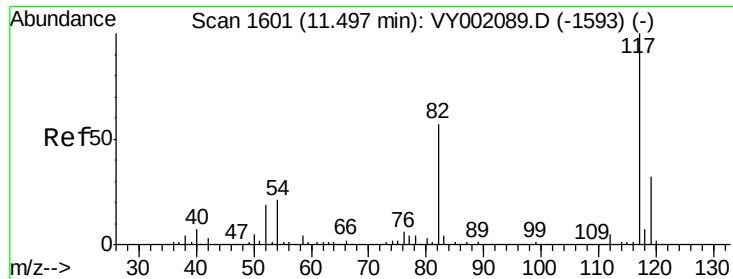
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.609 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	143.4
176	69.8	0.0	137.0





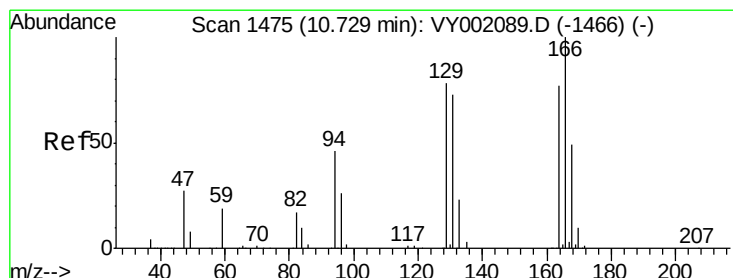
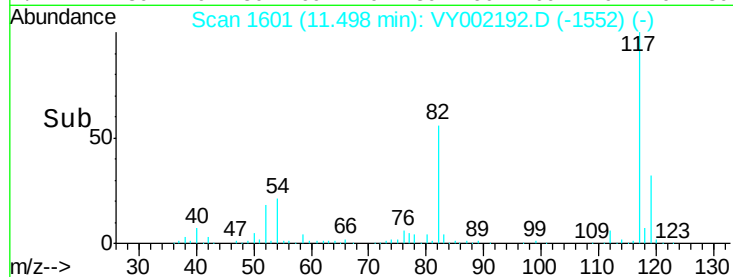
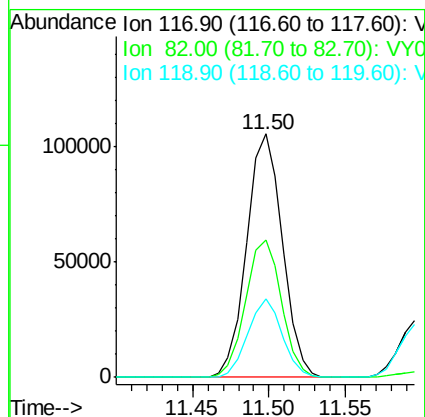
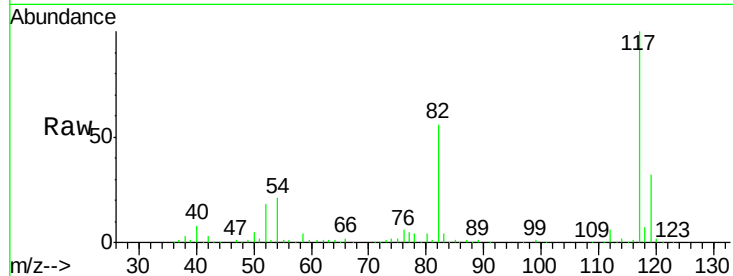
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	171451		
82	56.3	45.4	68.2	
119	32.2	25.3	37.9	

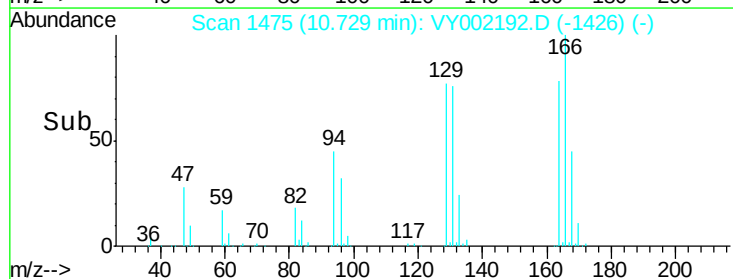
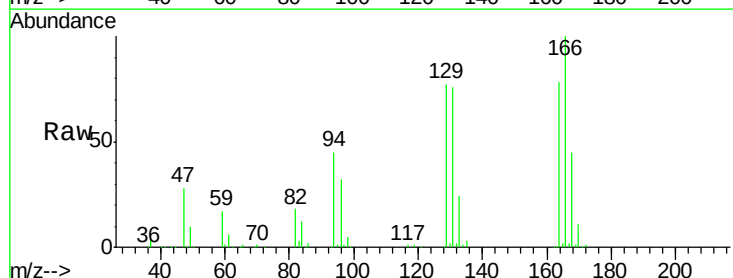
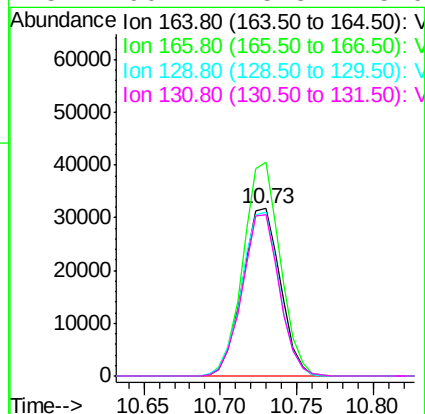
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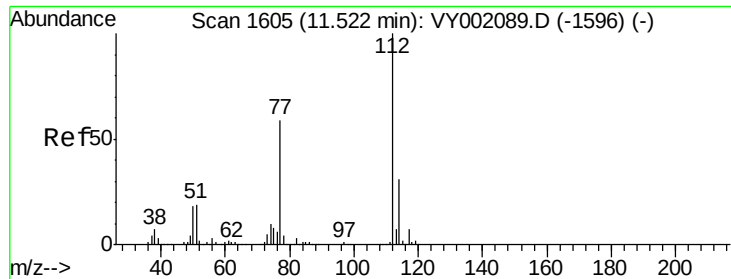
MMDadoda
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#64
Tetrachloroethene
Concen: 52.271 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54831		
166	127.5	104.0	156.0	
129	97.6	81.2	121.8	
131	96.4	75.8	113.6	





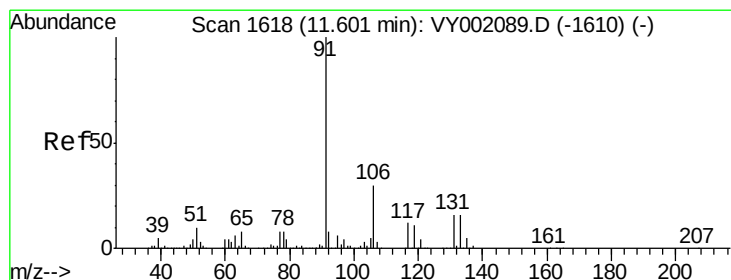
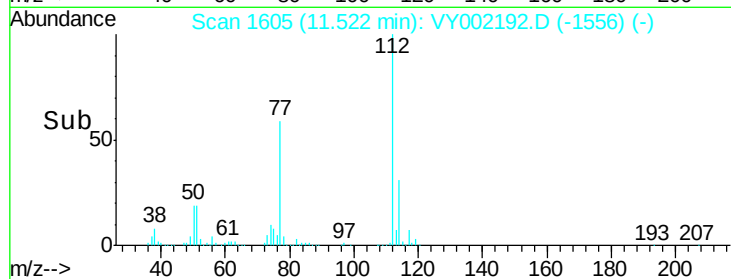
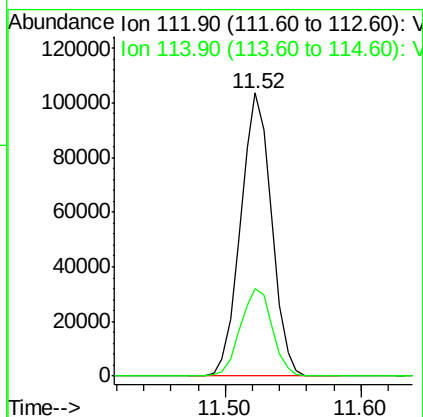
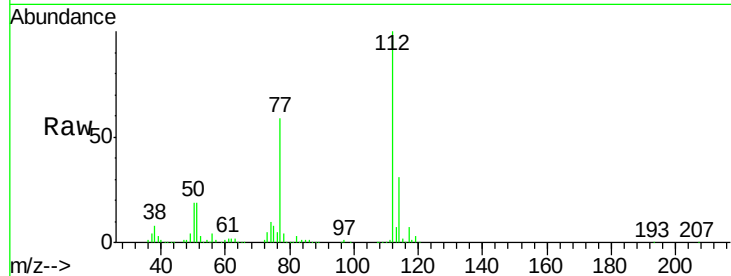
#65
Chlorobenzene
Concen: 49.581 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.9	37.3

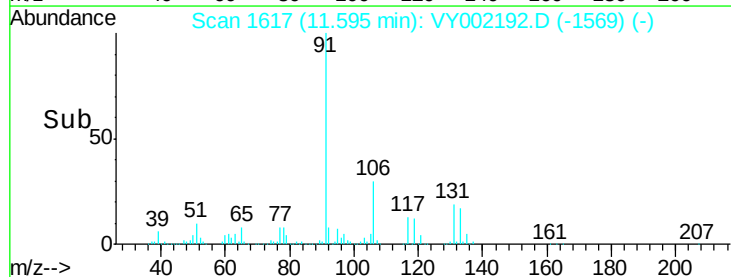
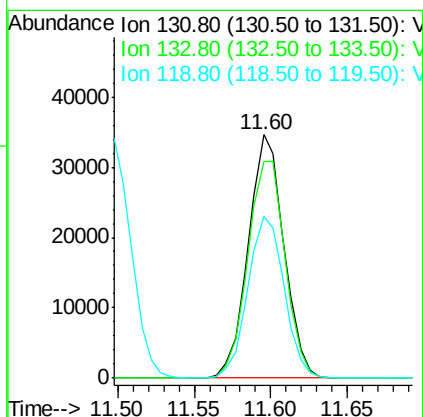
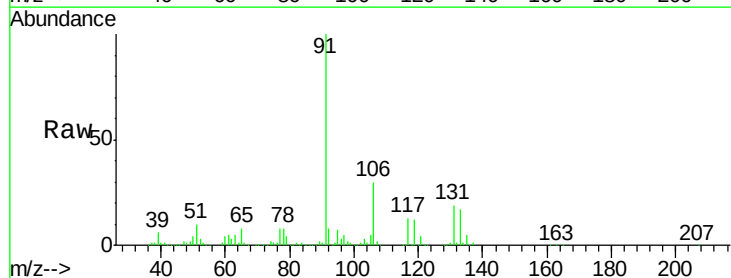
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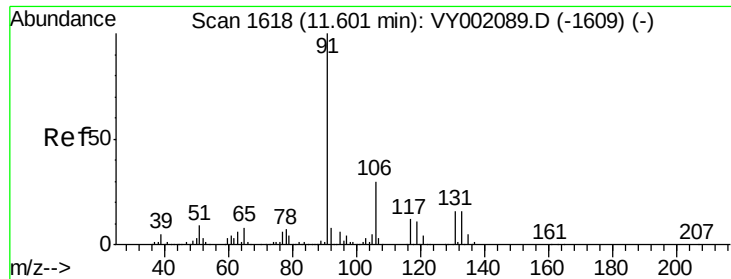
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.654 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.5	142.5
119	67.6	34.6	103.9





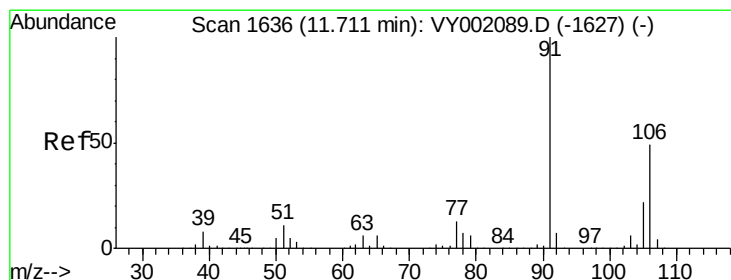
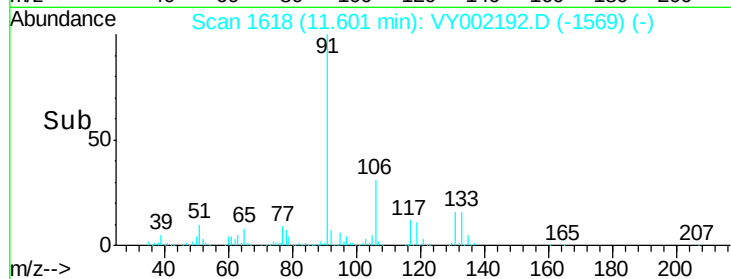
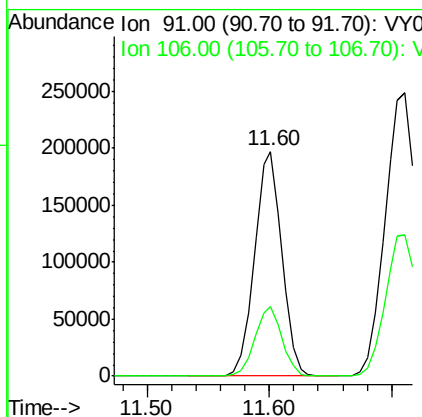
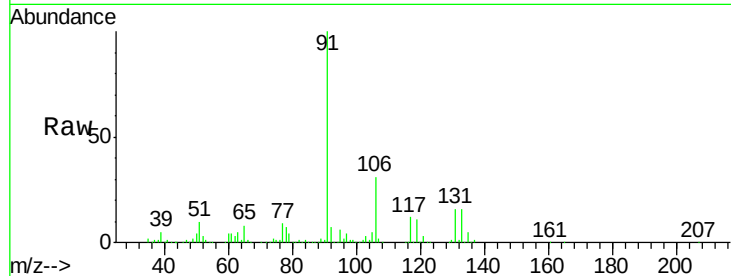
#67
Ethyl Benzene
Concen: 49.742 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion: 91 Resp: 305749
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1

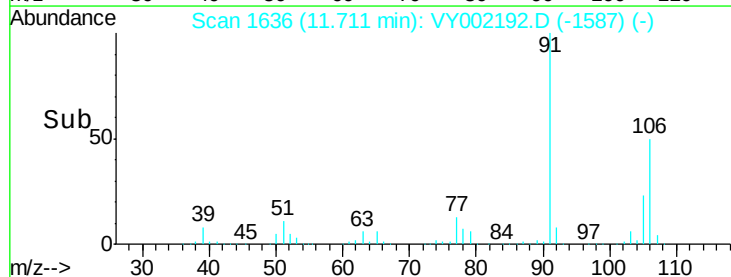
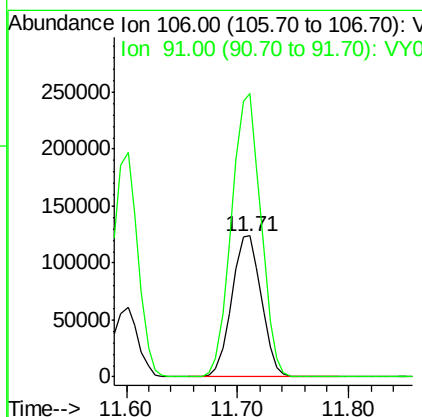
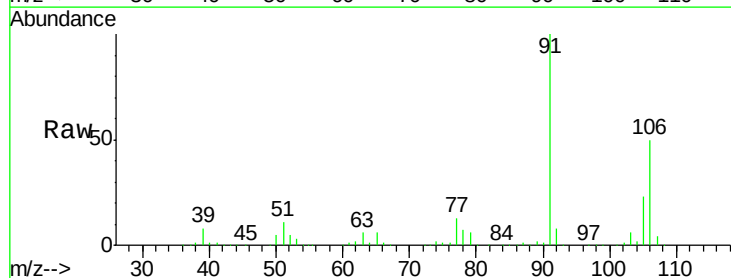
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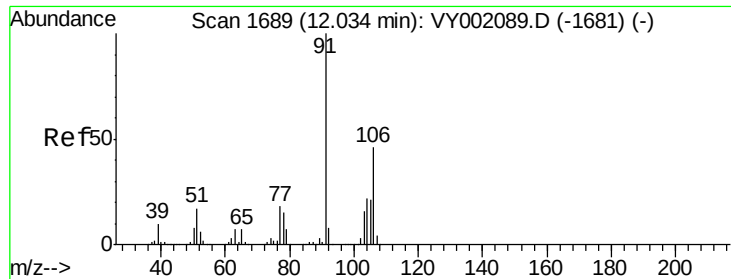
MMDadoda
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#68
m/p-Xylenes
Concen: 100.489 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 106 Resp: 228379
Ion Ratio Lower Upper
106 100
91 198.7 162.8 244.2





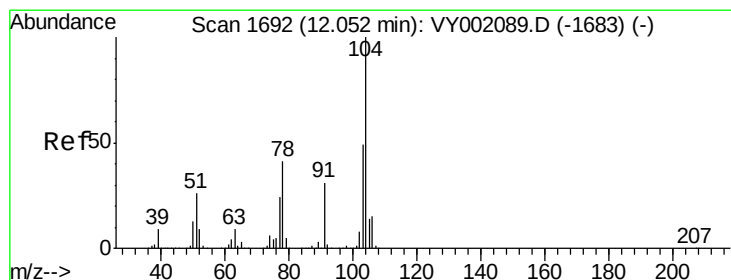
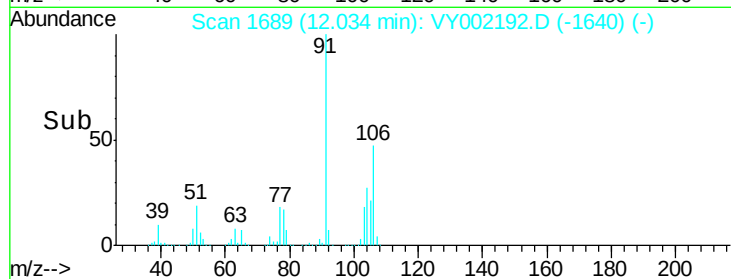
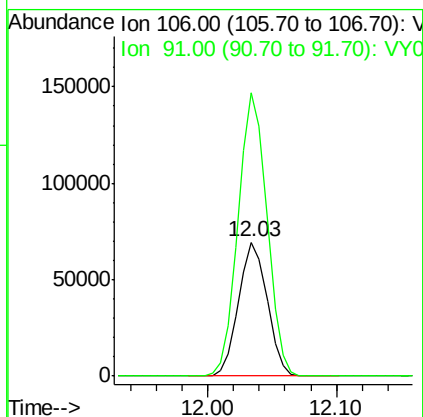
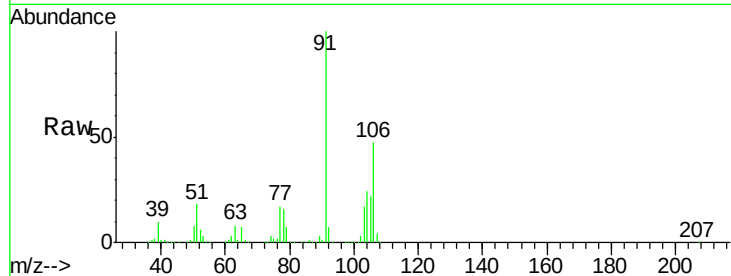
#69
o-Xylene
Concen: 49.824 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	107414		
91	91	212.4	107.3	321.8	

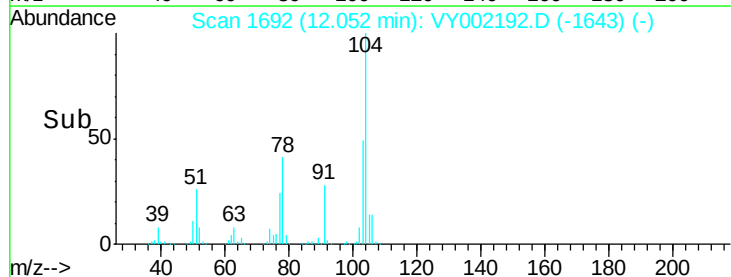
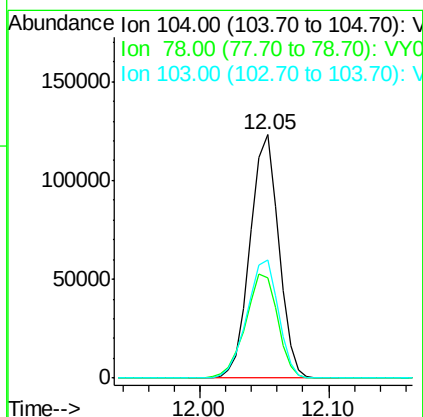
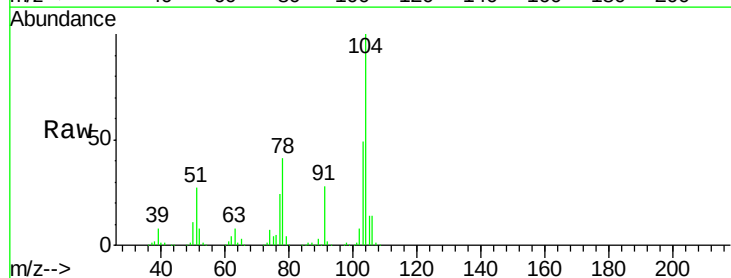
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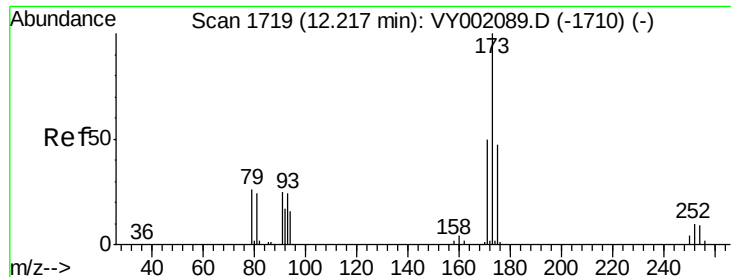
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#70
Styrene
Concen: 50.424 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	188369		
78	78	48.1	37.9	56.9	
103	103	53.3	43.2	64.8	





#71

Bromoform

Concen: 50.415 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:173 Resp: 30573

Ion Ratio Lower Upper

173 100

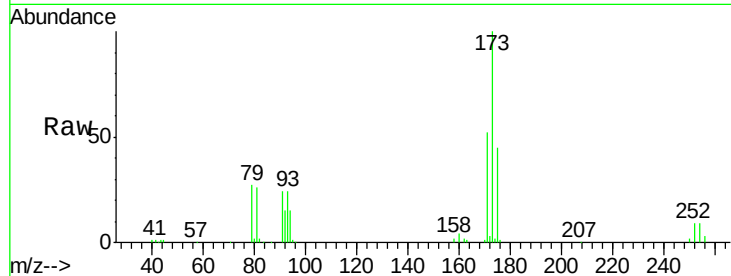
175 48.4 23.9 71.8

254 0.0 0.0 0.0

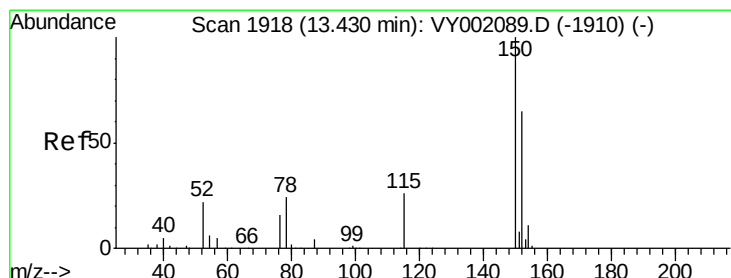
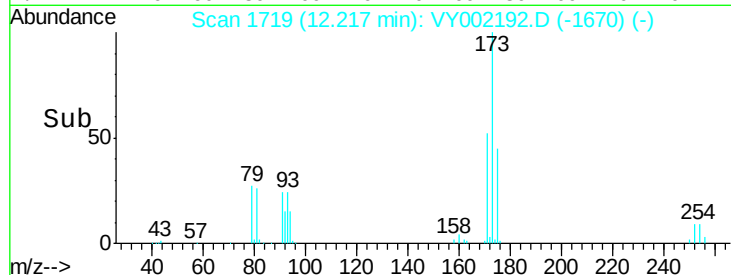
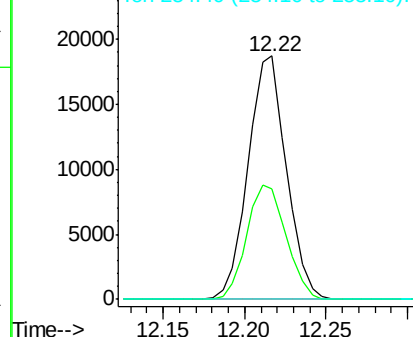
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

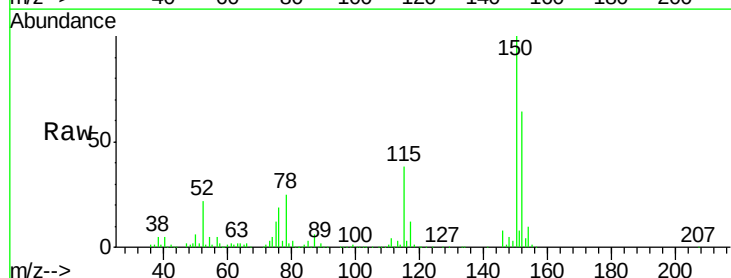
Tgt Ion:152 Resp: 81350

Ion Ratio Lower Upper

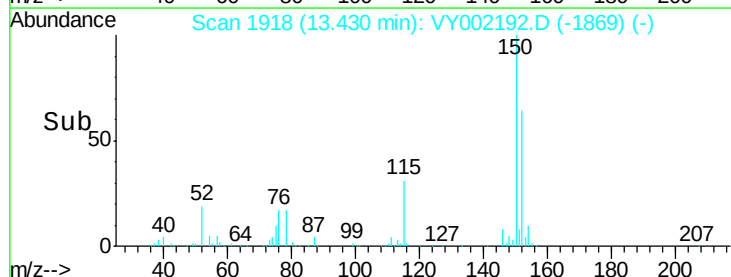
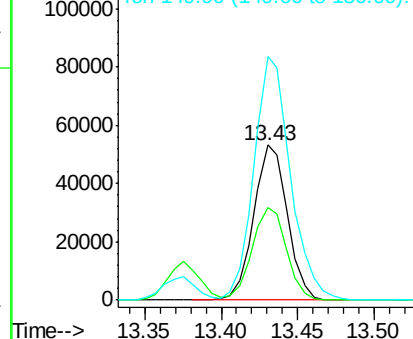
152 100

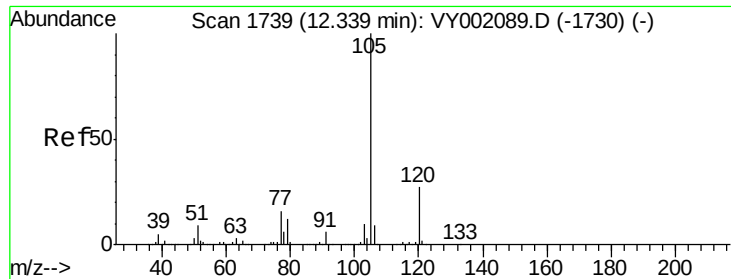
115 61.0 31.2 93.6

150 170.6 0.0 354.8



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





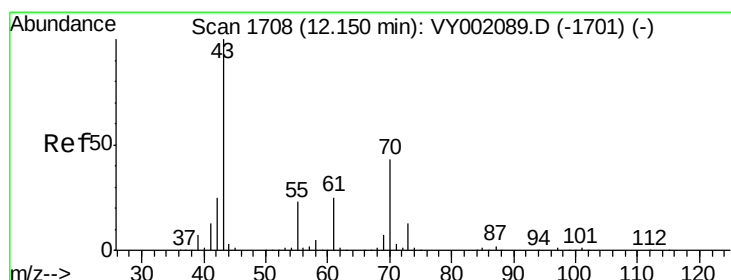
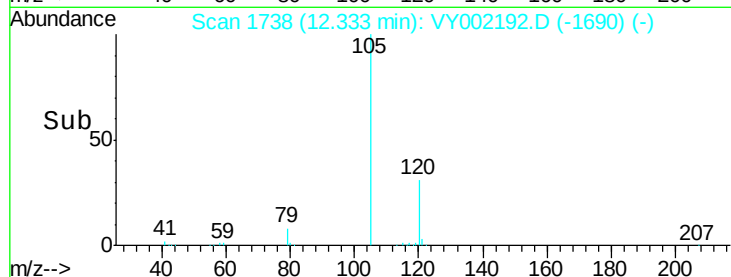
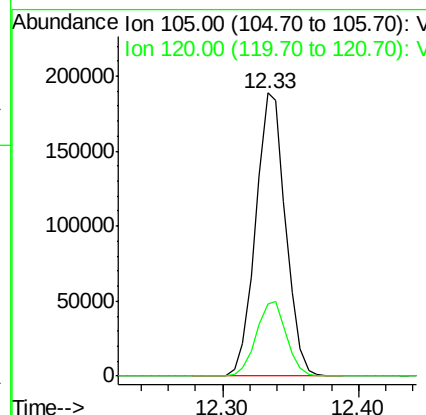
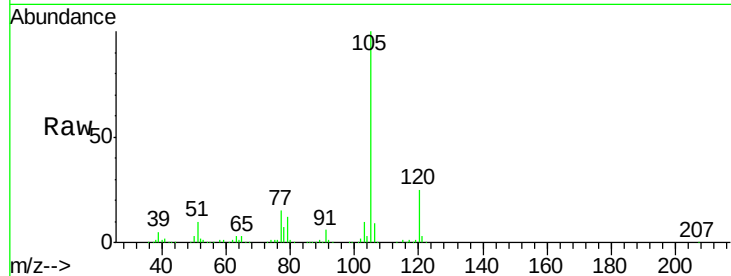
#73
Isopropylbenzene
Concen: 48.164 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8

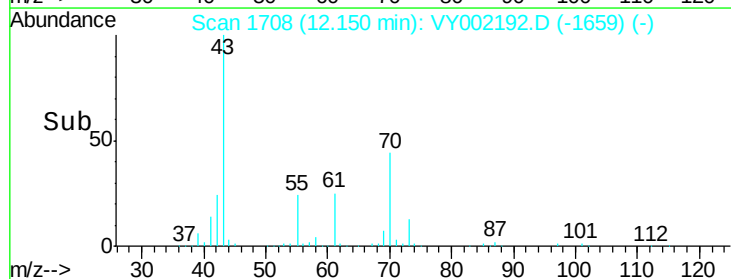
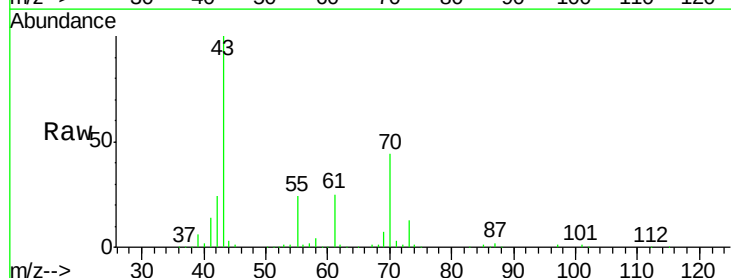
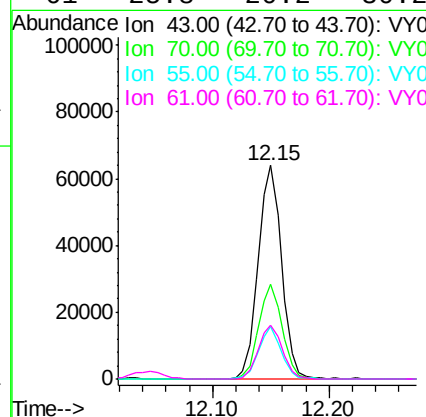
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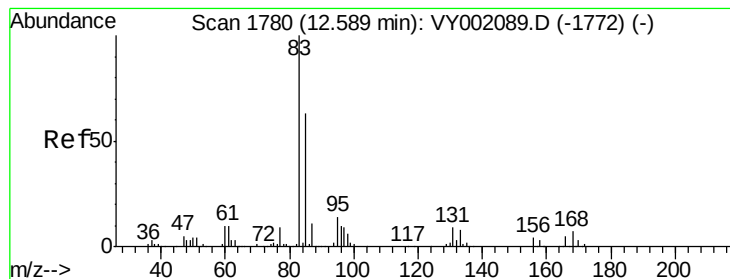
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#74
N-ethyl acetate
Concen: 47.456 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.4	35.0	52.4
55	23.6	18.7	28.1
61	25.8	20.2	30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.962 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

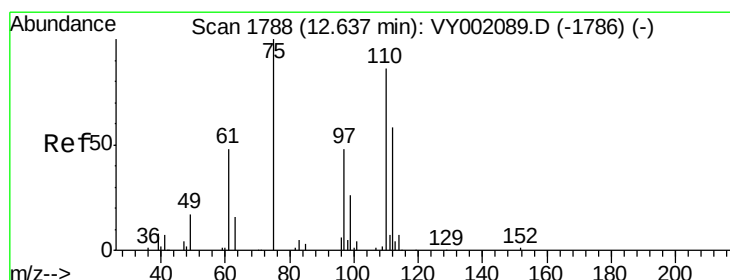
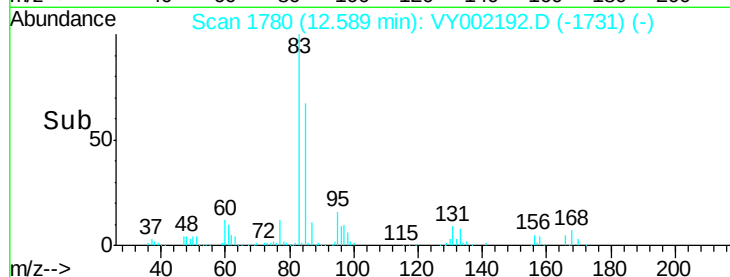
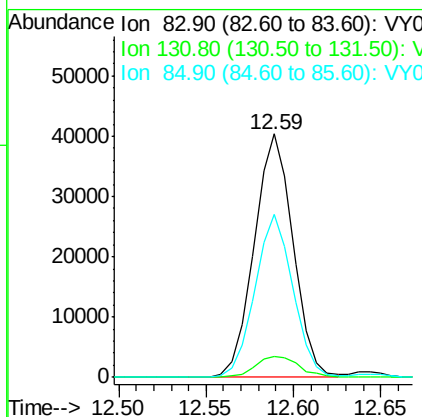
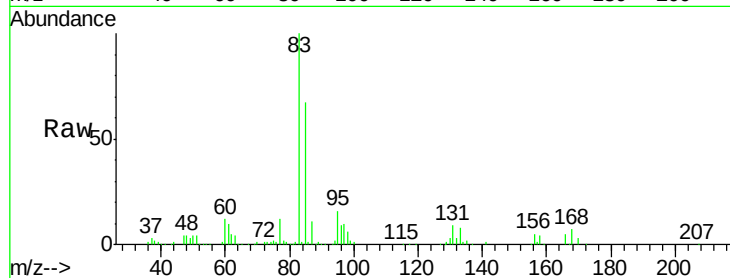
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	83	Resp:	62281
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.7	14.1
85	65.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 49.954 ug/l m

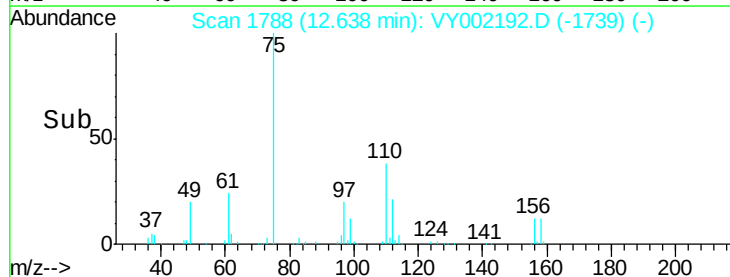
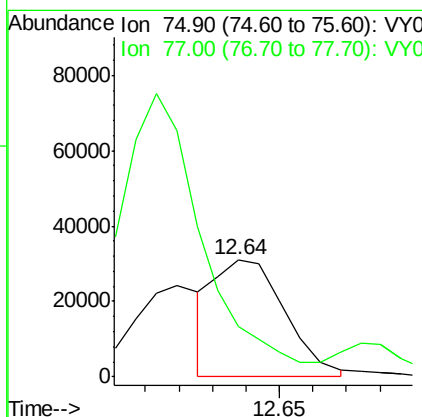
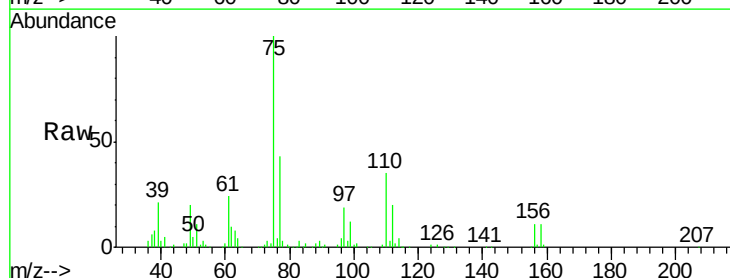
RT: 12.64 min Scan# 1788

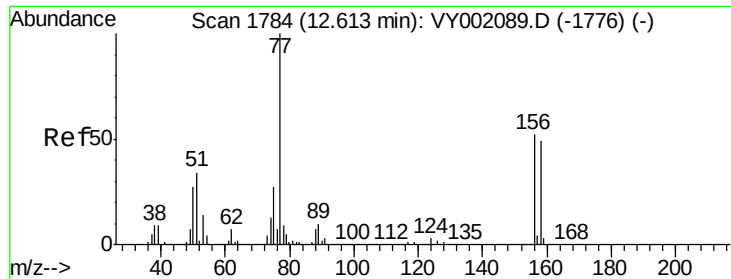
Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion:	75	Resp:	45457
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.908 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:156 Resp: 63004

Ion Ratio Lower Upper

156 100

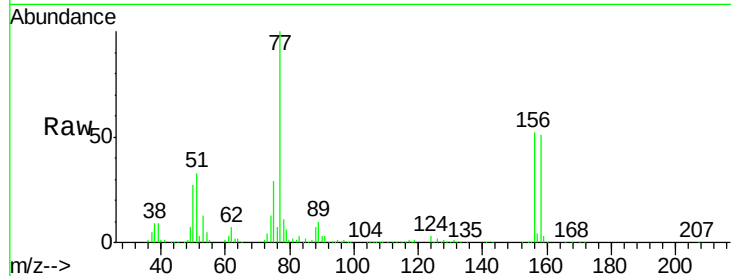
77 209.3 107.8 323.6

158 96.4 47.5 142.6

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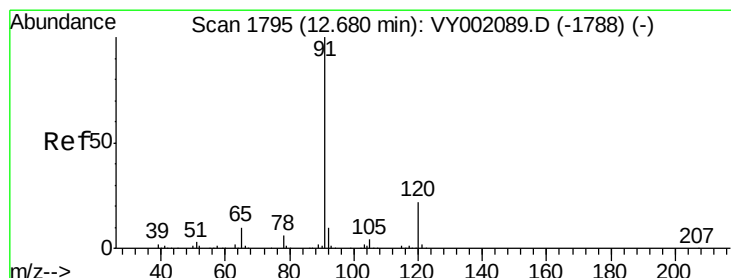
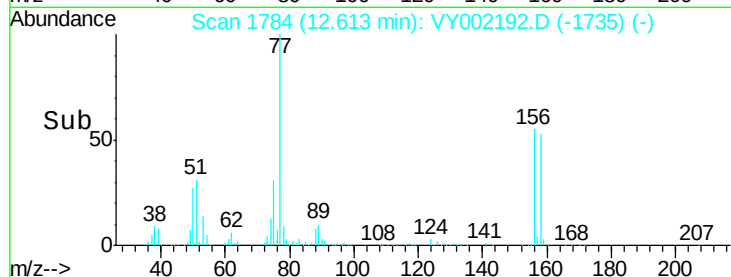
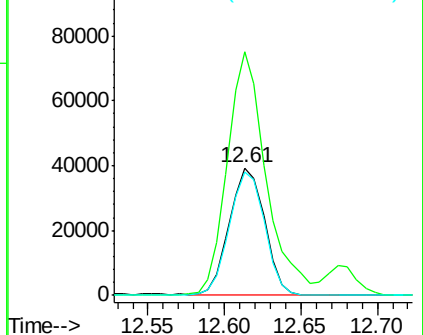
4/6/2020 11:28:24 AM



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: 47.909 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002192.D

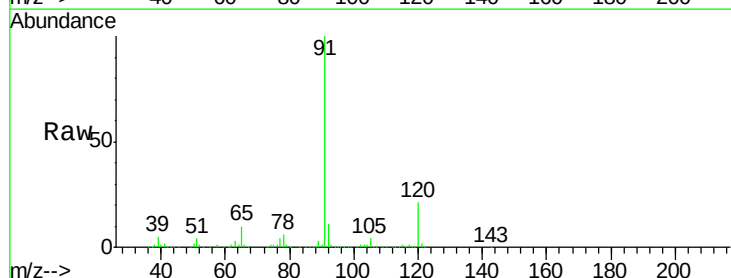
Acq: 02 Apr 2020 15:15

Tgt Ion: 91 Resp: 358777

Ion Ratio Lower Upper

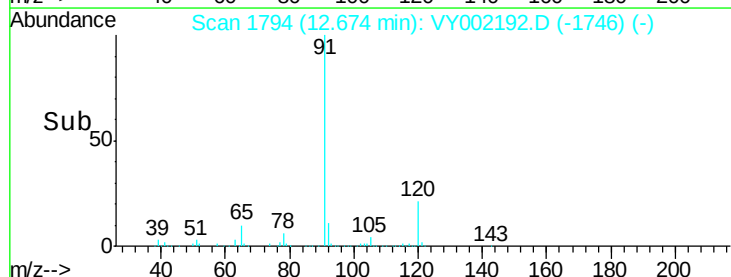
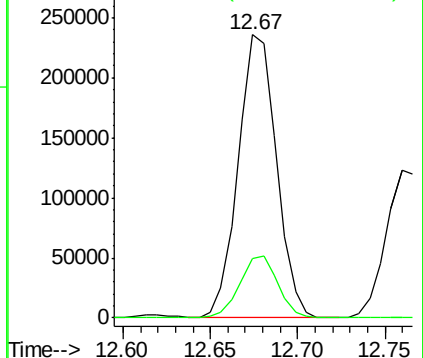
91 100

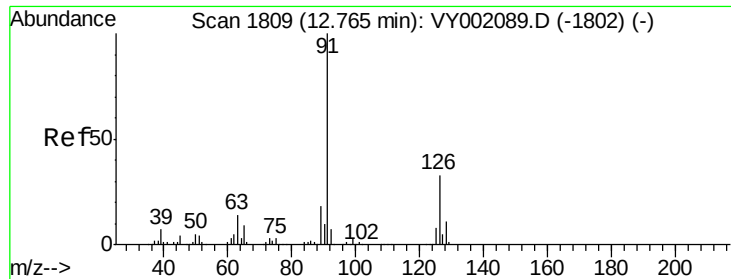
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.075 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion: 91 Resp: 197675

Ion Ratio Lower Upper

91 100

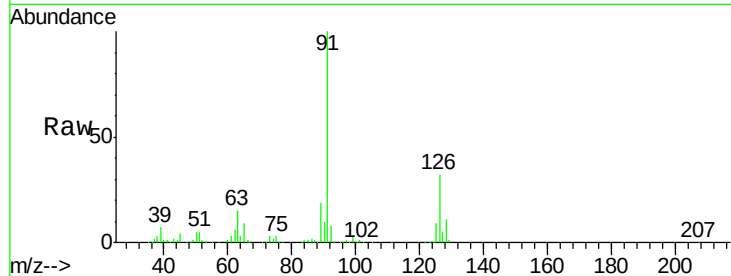
126 32.9 16.4 49.1

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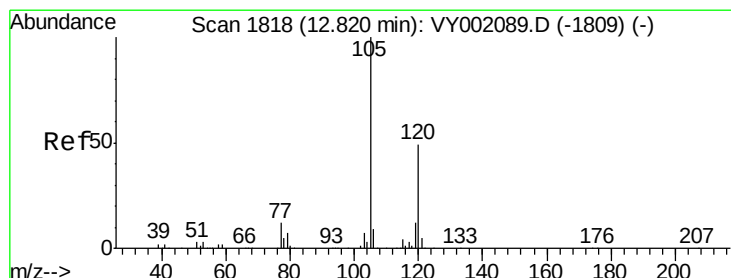
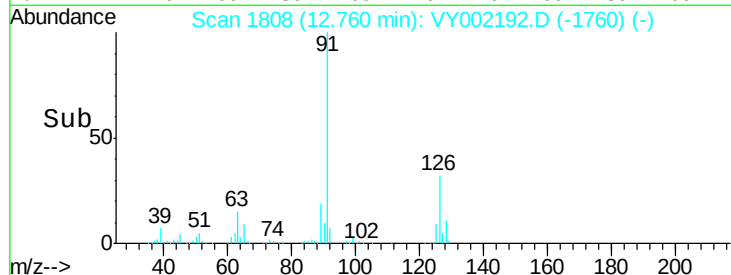
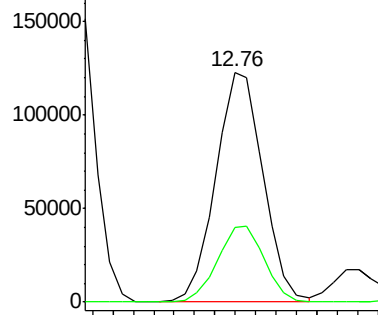
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.119 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002192.D

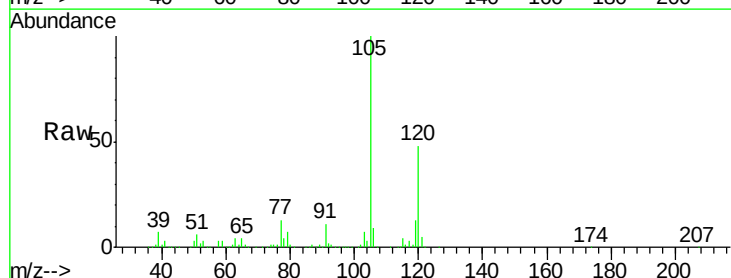
Acq: 02 Apr 2020 15:15

Tgt Ion:105 Resp: 239575

Ion Ratio Lower Upper

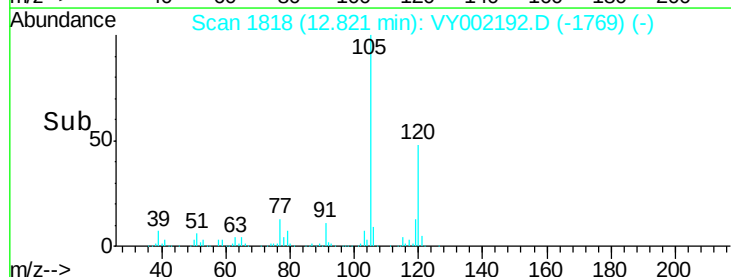
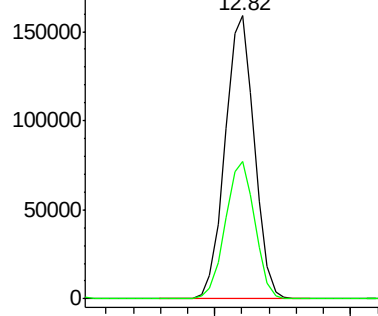
105 100

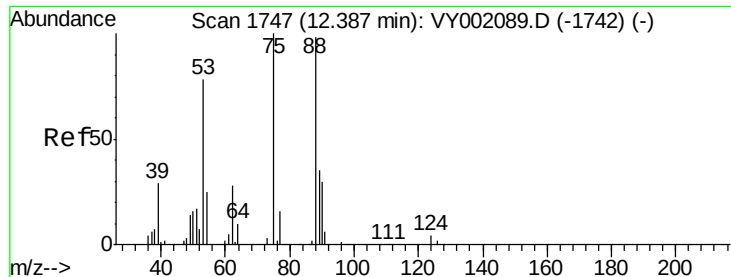
120 48.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.026 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion: 75 Resp: 22088

Ion Ratio Lower Upper

75 100

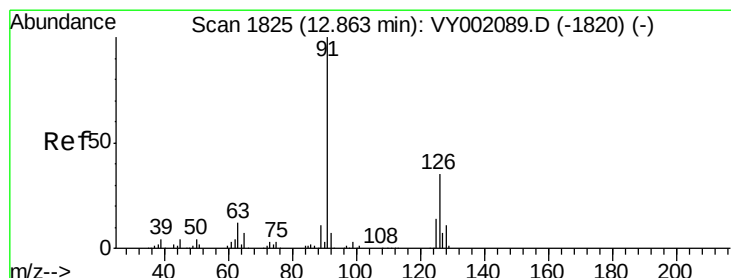
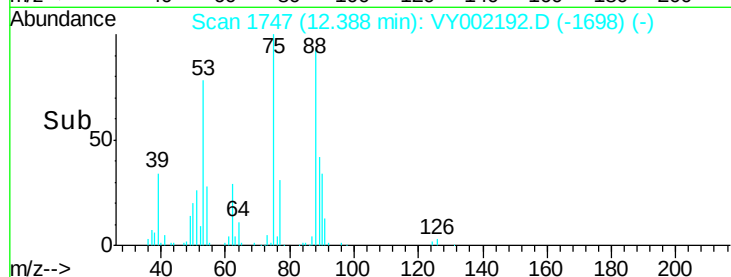
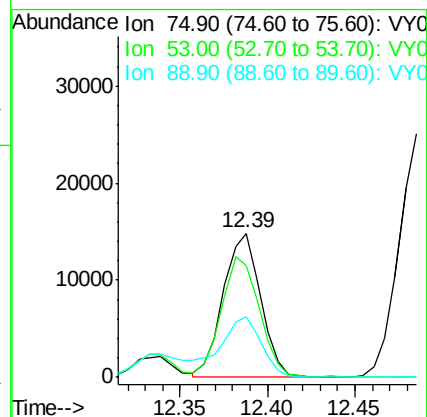
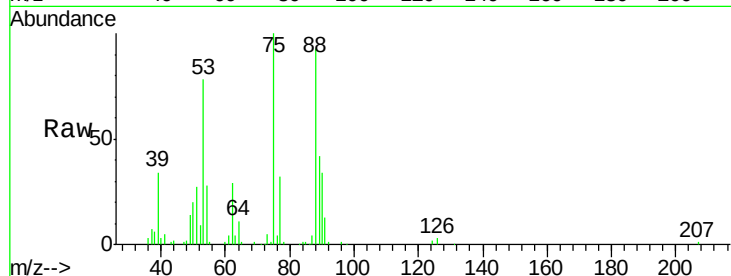
53 85.7 65.0 97.4

89 45.6 33.4 50.0

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#82

4-Chlorotoluene

Concen: 47.379 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002192.D

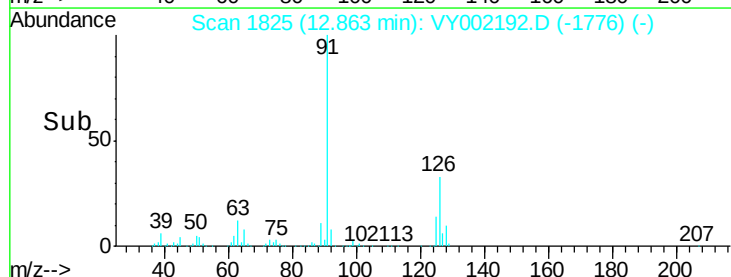
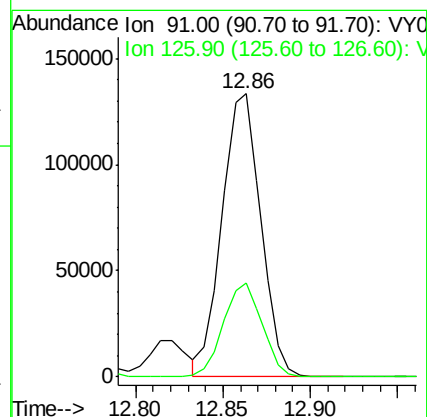
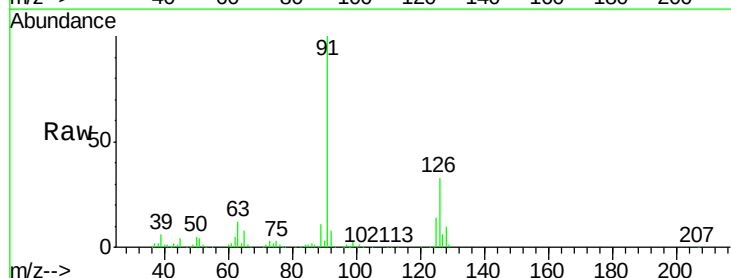
Acq: 02 Apr 2020 15:15

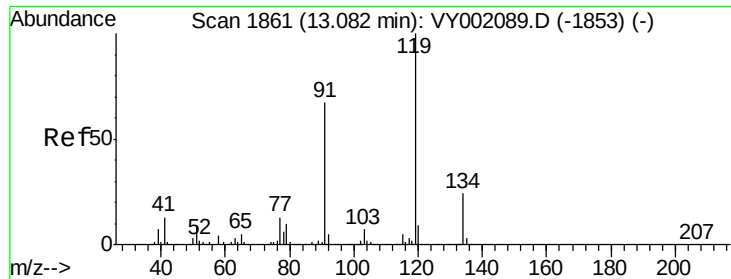
Tgt Ion: 91 Resp: 205287

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9





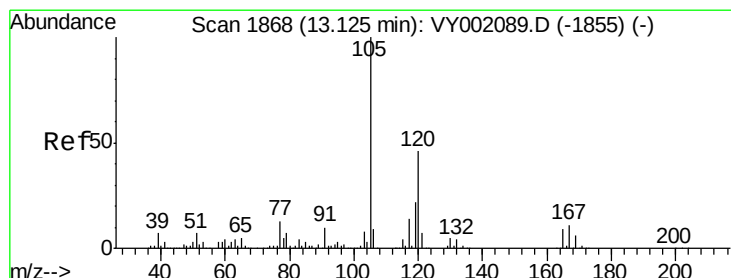
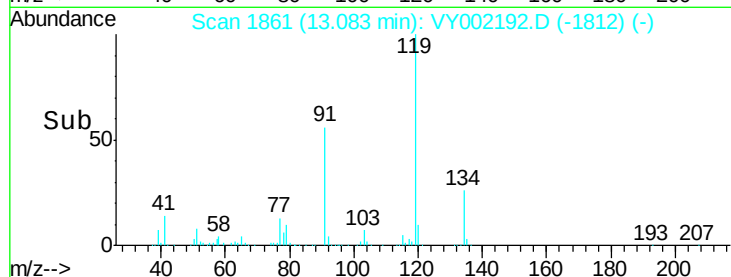
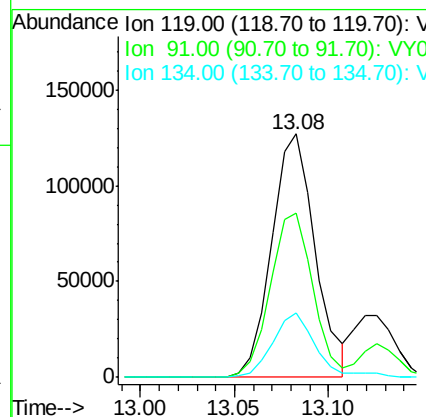
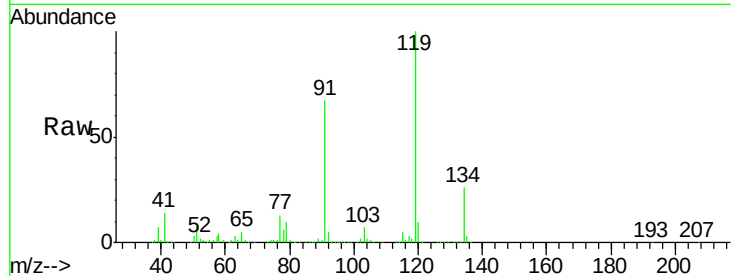
#83
 tert-Butylbenzene
 Concen: 48.817 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	32.9	98.6
134	26.6	13.0	38.9

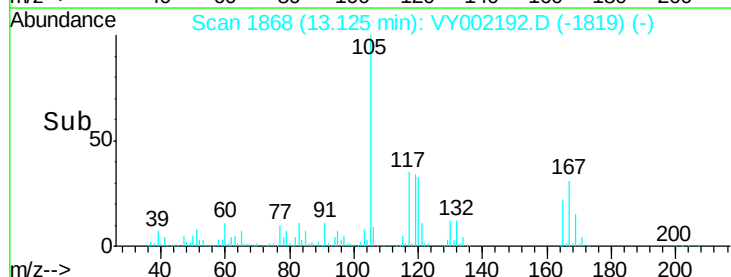
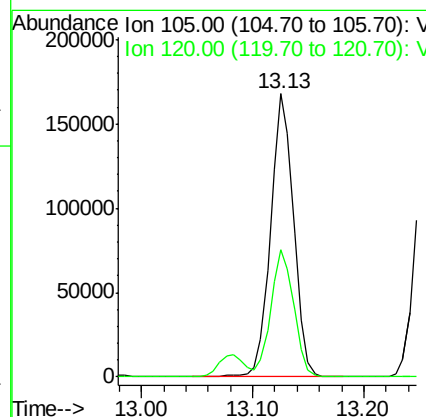
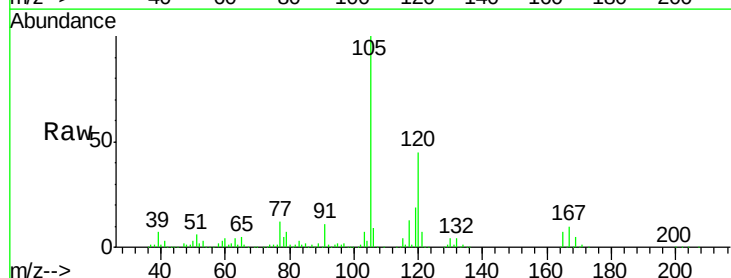
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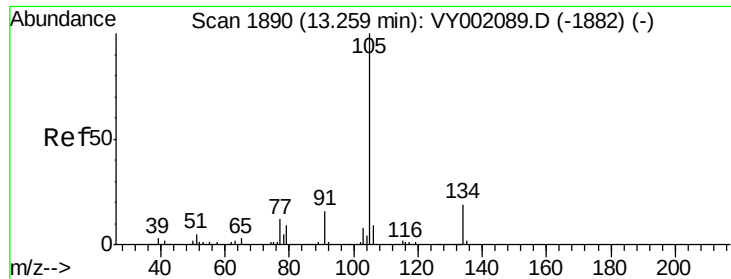
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.750 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.9	68.5





#85

sec-Butylbenzene

Concen: 48.939 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:105 Resp: 301243

Ion Ratio Lower Upper

105 100

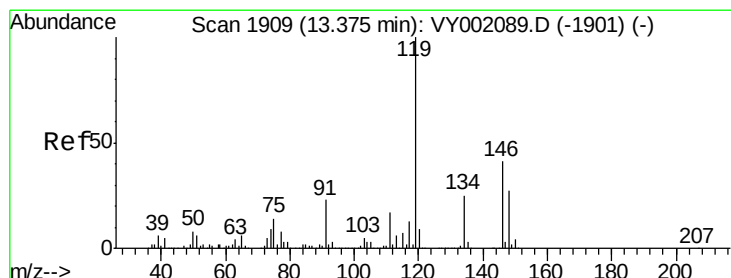
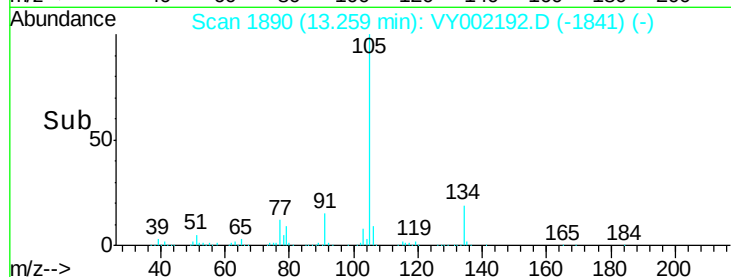
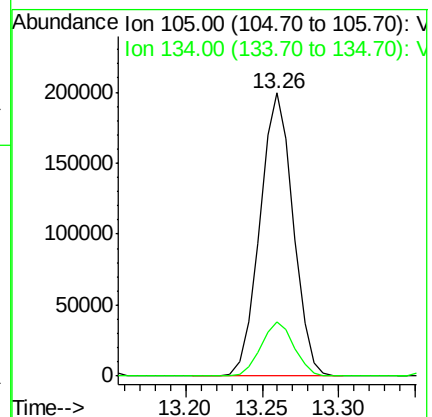
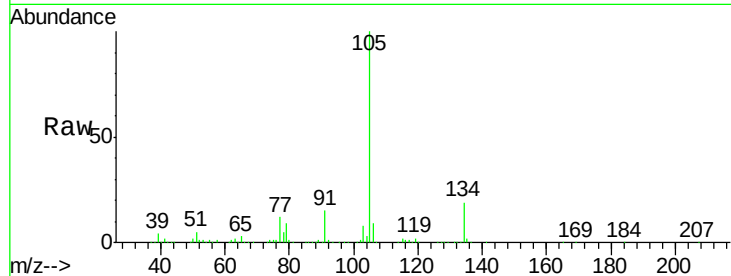
134 19.2 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 49.379 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

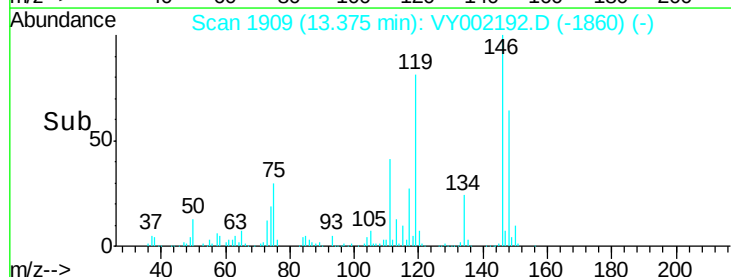
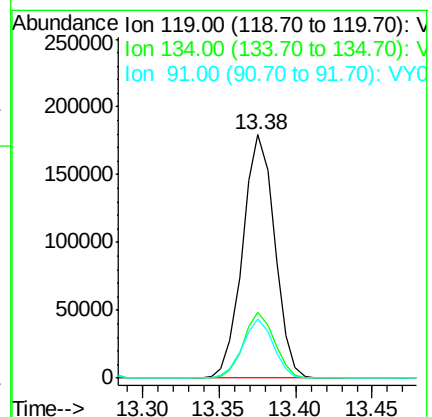
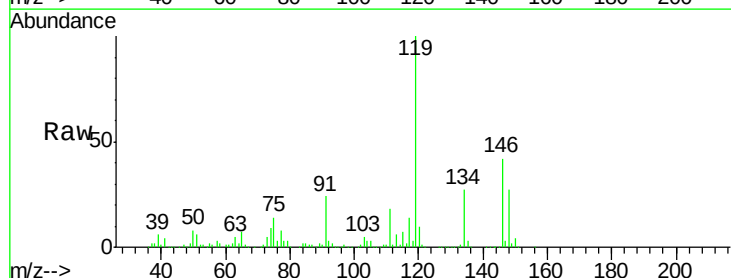
Tgt Ion:119 Resp: 261015

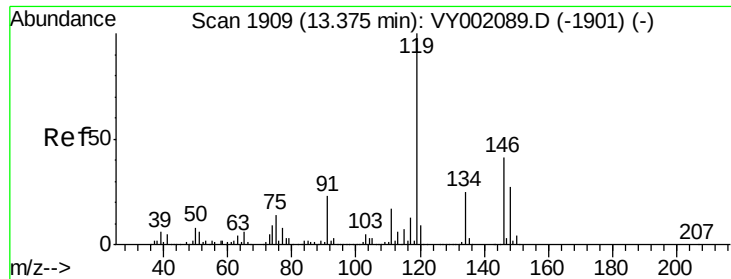
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.873 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

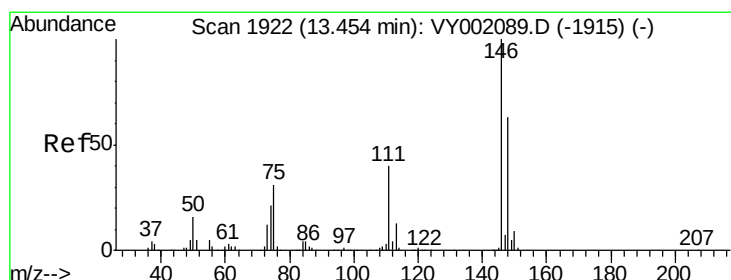
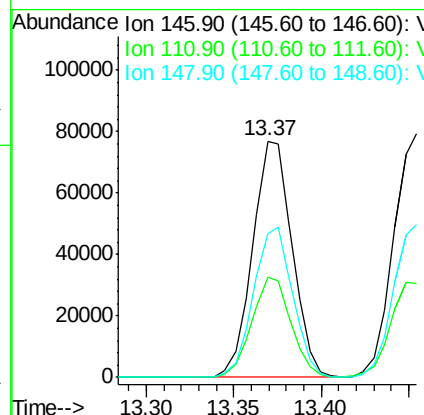
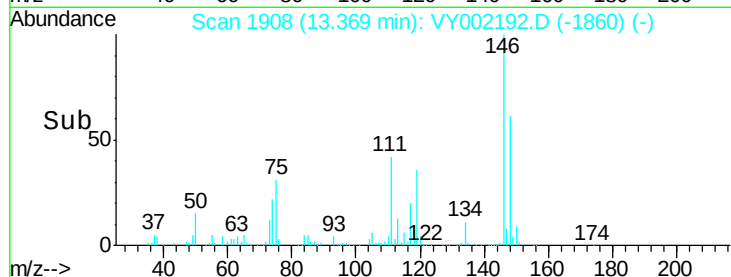
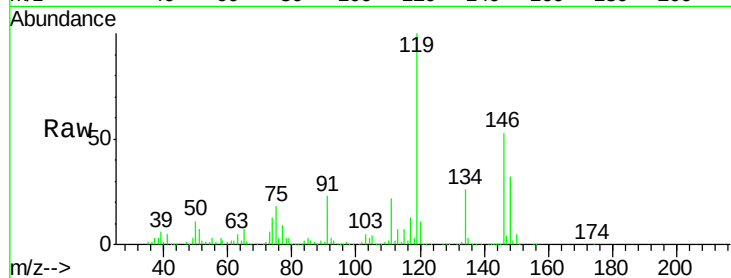
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	146	Resp:	120645
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.9	62.8
148	63.0	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 47.850 ug/l

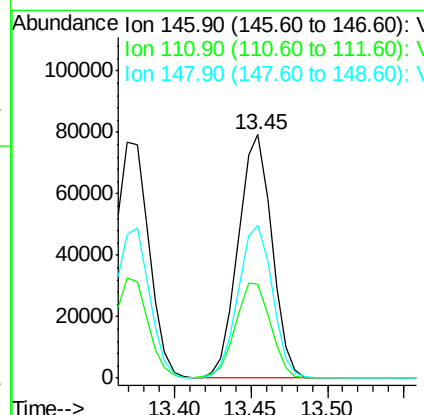
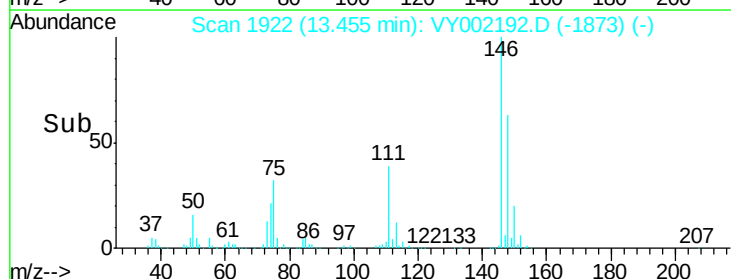
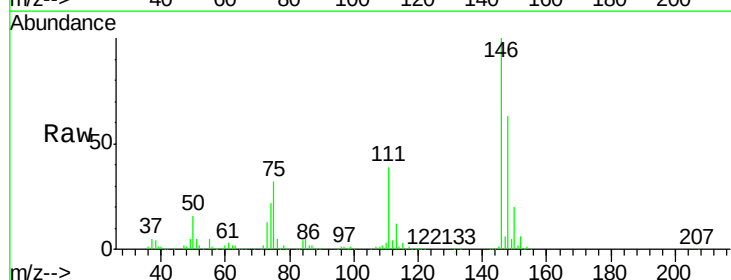
RT: 13.45 min Scan# 1922

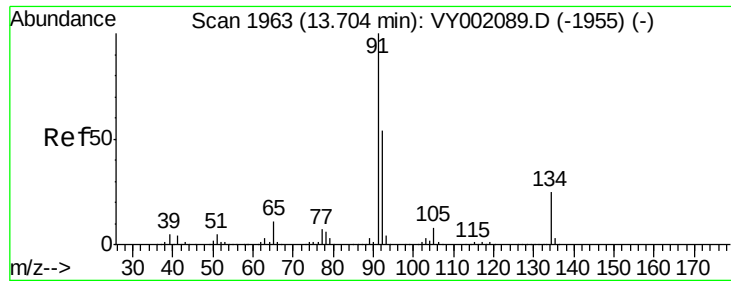
Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion:	146	Resp:	121345
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.3	60.9
148	63.8	31.5	94.5





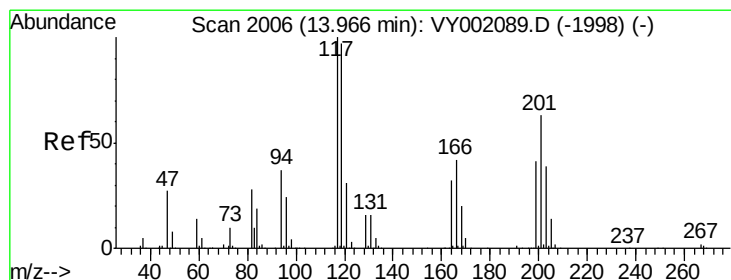
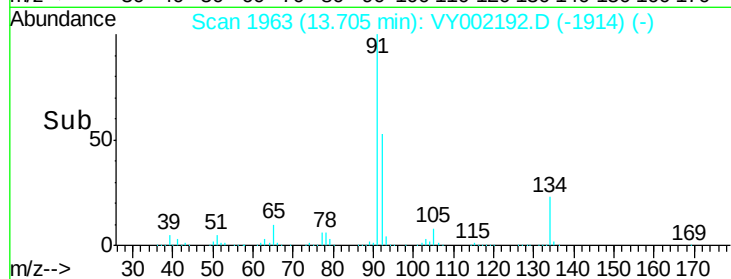
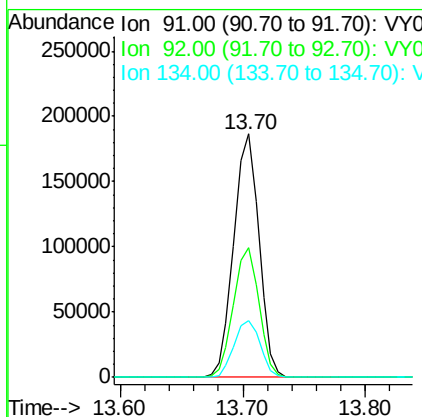
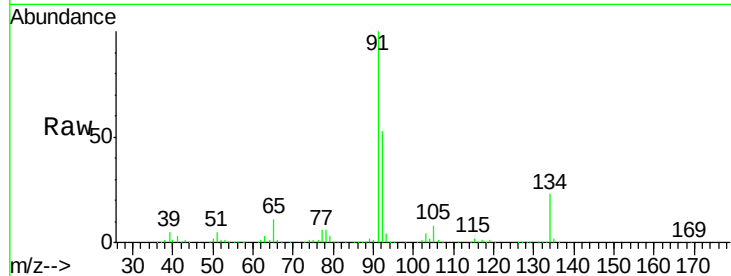
#89
n-Butylbenzene
Concen: 48.225 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
91	100	265605		
92	53.8		27.0	81.0
134	24.2		12.3	36.8

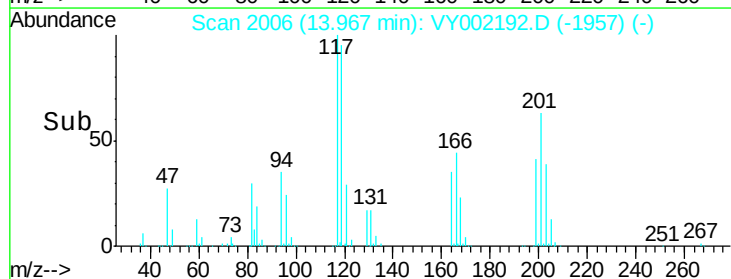
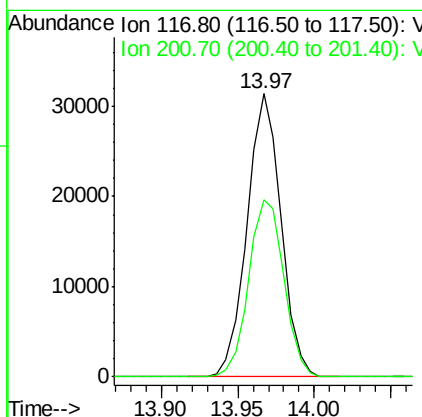
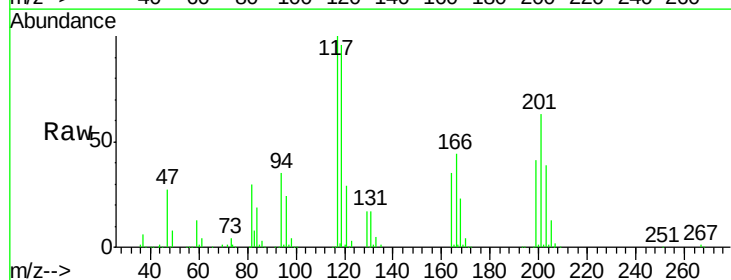
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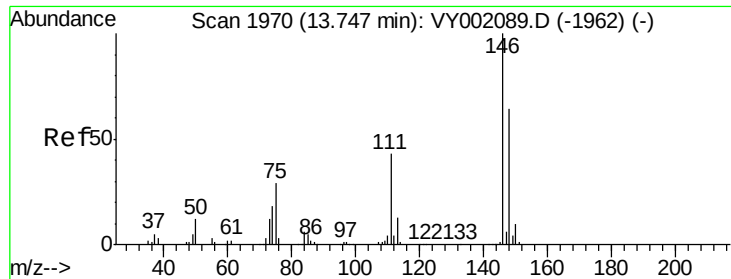
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#90
Hexachloroethane
Concen: 48.621 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	48429		
201	64.8		31.6	94.8





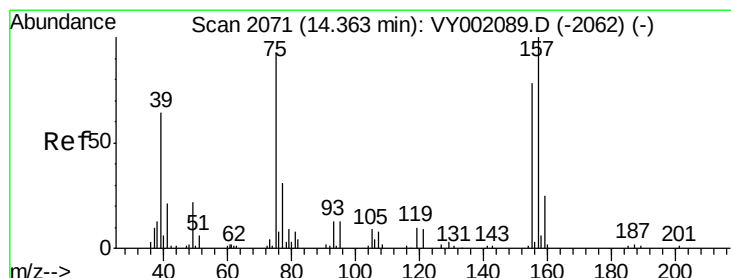
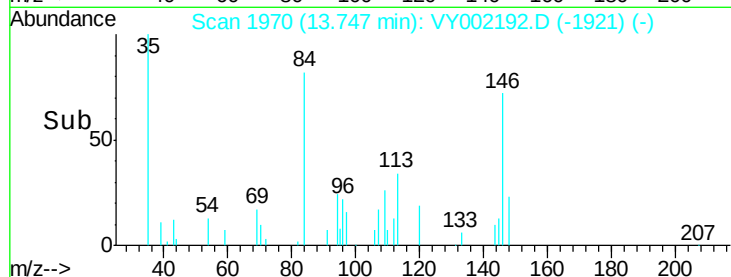
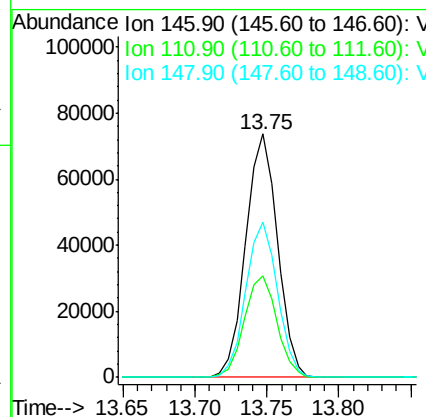
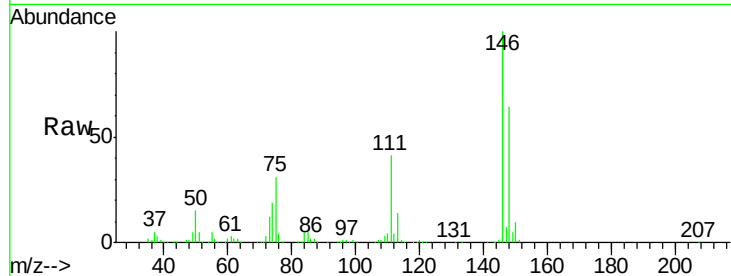
#91
 1,2-Dichlorobenzene
 Concen: 48.402 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.7
148	63.3	31.8	95.4

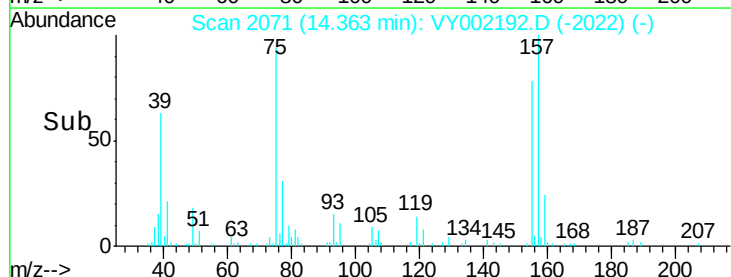
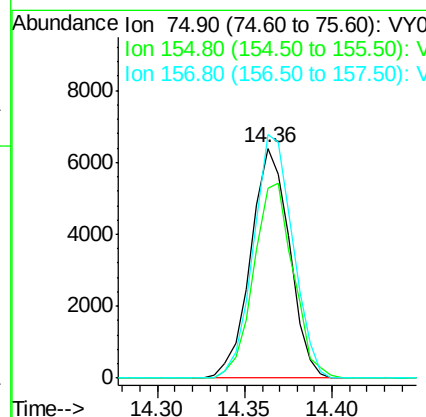
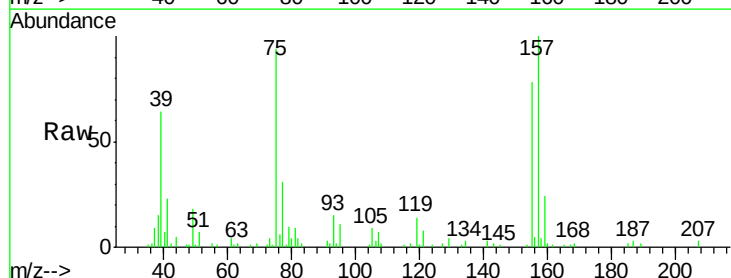
Manual Integrations
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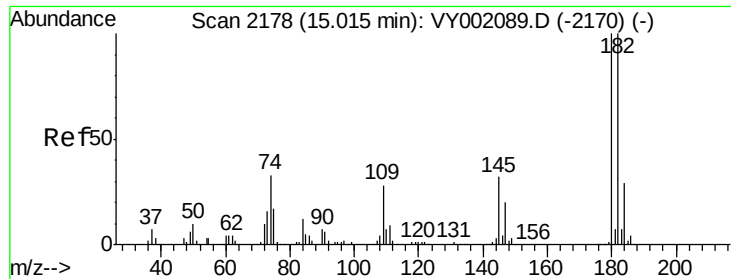
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 4/6/2020 11:28:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.311 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	41.6	124.9
157	107.7	53.4	160.3





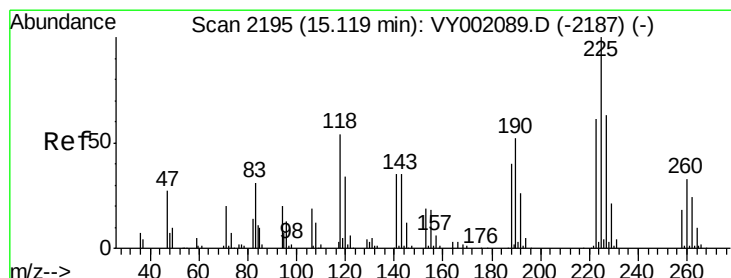
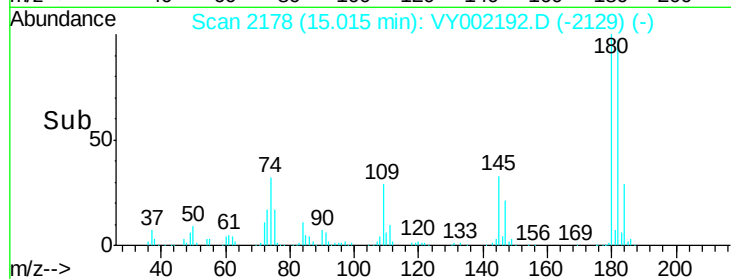
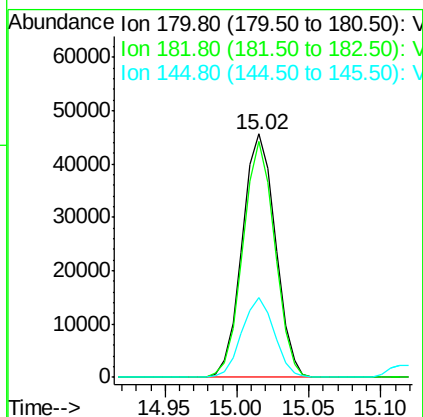
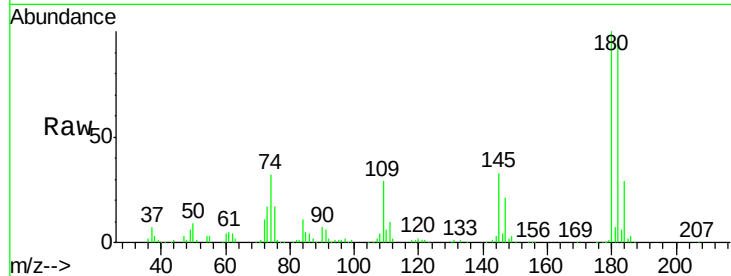
#93
1,2,4-Trichlorobenzene
Concen: 48.518 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.1	144.3
145	32.3	15.9	47.6

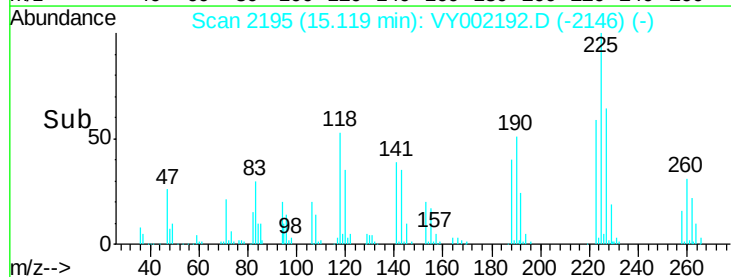
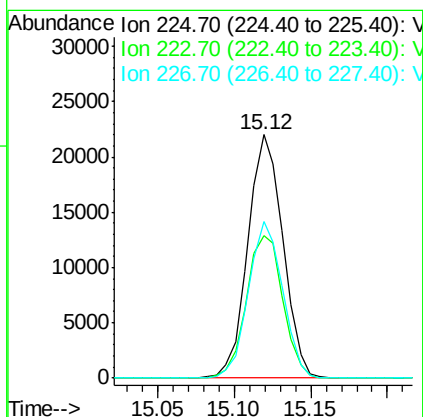
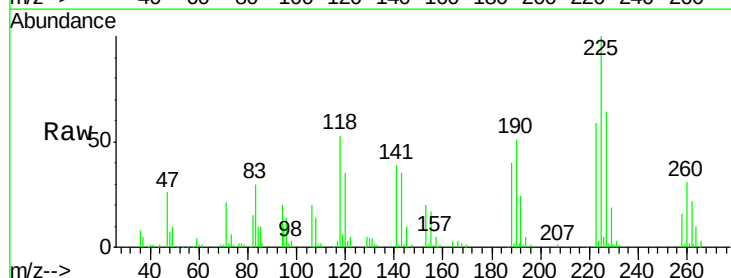
Manual Integrations
APPROVED

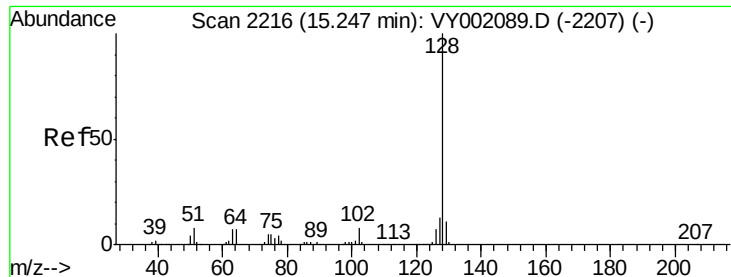
MMDadoda
4/6/2020 11:28:24 AM



#94
Hexachlorobutadiene
Concen: 47.396 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.1	93.3
227	62.9	31.6	94.7





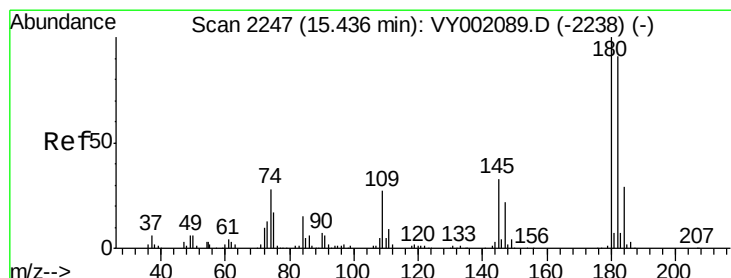
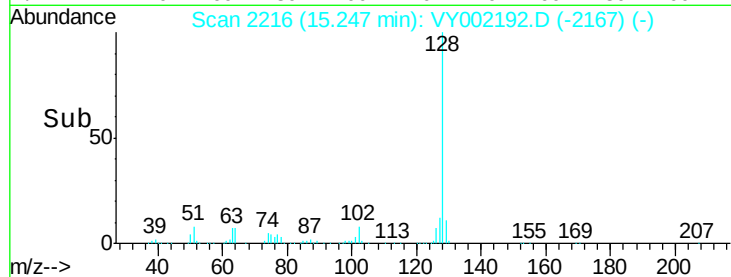
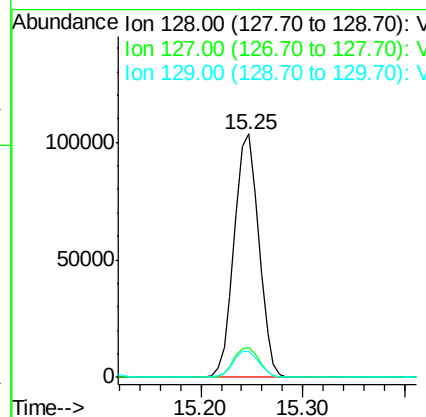
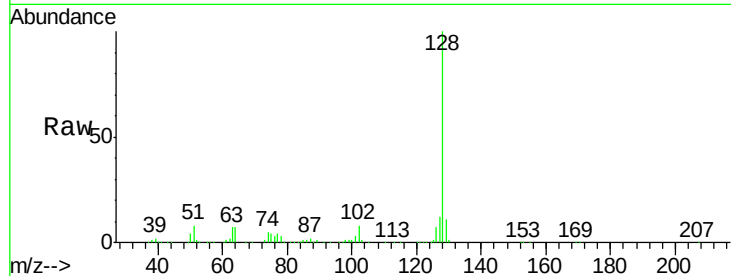
#95
Naphthalene
Concen: 48.495 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	172779		
127	12.7		9.8	14.8
129	11.3		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/6/2020 11:28:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.138 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	64121		
182	95.8		46.8	140.3
145	34.6		16.7	50.1

