

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001164.D
 Acq On : 10 Jan 2020 21:46
 Operator : SY/MD
 Sample : L1046-12MS
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Manual Integrations
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 1/15/2020 6:07:05 PM

Quant Time: Jan 11 03:34:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	18511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	31701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	27427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	11141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	10486	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	7.73	113	9505	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.18	98	39354	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
62) 4-Bromofluorobenzene	12.48	95	13486	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	8278	58.229	ug/l	90
3) Chloromethane	2.12	50	12092	59.009	ug/l	100
4) Vinyl Chloride	2.26	62	11875	57.523	ug/l	92
5) Bromomethane	2.66	94	5501	49.608	ug/l	85
6) Chloroethane	2.80	64	7679	64.385	ug/l	98
7) Trichlorofluoromethane	3.13	101	15880	55.263	ug/l	86
8) Diethyl Ether	3.54	74	6444	57.712	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	10260	55.470	ug/l	98
10) Methyl Iodide	4.10	142	15164	59.895	ug/l	99
11) Tert butyl alcohol	4.96	59	5757	292.667	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	10690	56.490	ug/l	91
13) Acrolein	3.74	56	1605	90.634	ug/l	93
14) Allyl chloride	4.49	41	17122	53.609	ug/l	99
15) Acrylonitrile	5.18	53	15964	285.874	ug/l	98
16) Acetone	3.96	43	14038	309.171	ug/l	100
17) Carbon Disulfide	4.20	76	33299	54.368	ug/l	100
18) Methyl Acetate	4.49	43	15023	100.073	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	29415	56.195	ug/l	99
20) Methylene Chloride	4.72	84	11700	55.951	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	11816	55.067	ug/l	90
22) Diisopropyl ether	6.13	45	34310	52.596	ug/l	91
23) Vinyl Acetate	6.07	43	32067	76.863	ug/l	99
24) 1,1-Dichloroethane	6.04	63	19290	54.014	ug/l	95
25) 2-Butanone	7.00	43	21242	300.595	ug/l	94
26) 2,2-Dichloropropane	6.99	77	16570	50.456	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	13125	55.823	ug/l	97
28) Bromochloromethane	7.35	49	8847	60.327	ug/l	98
29) Tetrahydrofuran	7.36	42	14231	293.859	ug/l	98
30) Chloroform	7.52	83	18954	54.166	ug/l	99
31) Cyclohexane	7.79	56	20321	53.741	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	17102	55.082	ug/l	98
36) 1,1-Dichloropropene	7.93	75	15770	54.580	ug/l	98
37) Ethyl Acetate	7.09	43	7852	46.306	ug/l #	79
38) Carbon Tetrachloride	7.91	117	14707	55.541	ug/l	94

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	20984	53.569	ug/l	98
40) Benzene	8.17	78	45892	54.412	ug/l	100
41) Methacrylonitrile	7.32	41	4405m	55.302	ug/l	
42) 1,2-Dichloroethane	8.25	62	12254	51.887	ug/l	97
43) Isopropyl Acetate	8.28	43	16360	50.455	ug/l	99
44) Trichloroethene	8.94	130	12185	55.444	ug/l	94
45) 1,2-Dichloropropane	9.22	63	11282	54.108	ug/l	97
46) Dibromomethane	9.31	93	6400	56.255	ug/l	97
47) Bromodichloromethane	9.50	83	14844	53.538	ug/l	98
48) Methyl methacrylate	9.30	41	9081	60.520	ug/l	98
49) 1,4-Dioxane	9.30	88	2276	1642.754	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	45967	279.388	ug/l	100
52) Toluene	10.24	92	28355	52.711	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	15758	50.790	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	18162	51.921	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	9544	56.587	ug/l	97
56) Ethyl methacrylate	10.51	69	12406	48.086	ug/l	99
57) 1,3-Dichloropropane	10.79	76	16004	55.273	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	20937	230.739	ug/l	100
59) 2-Hexanone	10.83	43	32903	285.353	ug/l	100
60) Dibromochloromethane	10.99	129	10443	53.778	ug/l	98
61) 1,2-Dibromoethane	11.09	107	8728	52.998	ug/l	100
64) Tetrachloroethene	10.72	164	10127	57.279	ug/l	97
65) Chlorobenzene	11.52	112	29083	53.068	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	10742	56.871	ug/l	97
67) Ethyl Benzene	11.59	91	53226	53.092	ug/l	97
68) m/p-Xylenes	11.70	106	40495	107.077	ug/l	97
69) o-Xylene	12.03	106	19265	53.131	ug/l	94
70) Styrene	12.04	104	31442	49.421	ug/l	99
71) Bromoform	12.20	173	6161	52.891	ug/l #	99
73) Isopropylbenzene	12.33	105	51266	61.209	ug/l	99
74) N-amyl acetate	12.14	43	10125	38.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	11869	67.355	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	7289m	61.116	ug/l	
77) Bromobenzene	12.61	156	11259	60.837	ug/l	92
78) n-propylbenzene	12.67	91	59020	58.584	ug/l	99
79) 2-Chlorotoluene	12.75	91	32268	55.771	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	40656	58.177	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	3958	56.277	ug/l #	97
82) 4-Chlorotoluene	12.85	91	33204	53.757	ug/l	97
83) tert-Butylbenzene	13.07	119	34669	59.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	40180	57.897	ug/l	99
85) sec-Butylbenzene	13.25	105	50596	59.894	ug/l	100
86) p-Isopropyltoluene	13.36	119	43491	59.296	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	19497	55.706	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	18959	52.632	ug/l	98
89) n-Butylbenzene	13.69	91	39397	53.332	ug/l	99
90) Hexachloroethane	13.95	117	7702	53.742	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	18396	56.554	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1923	60.497	ug/l	95

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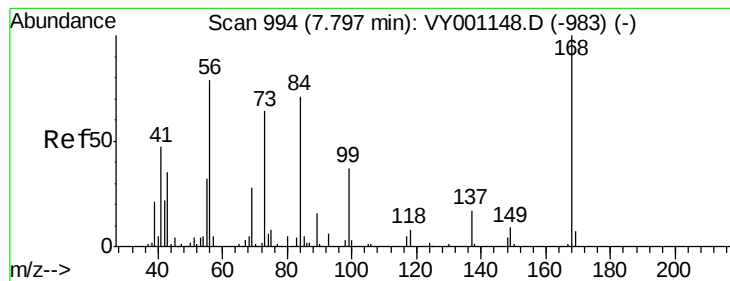
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	8813	41.121	ug/l	98
94) Hexachlorobutadiene	15.11	225	5167	47.856	ug/l	97
95) Naphthalene	15.23	128	21259	42.608	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	7490	39.654	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:168 Resp: 18511

Ion Ratio Lower Upper

168 100

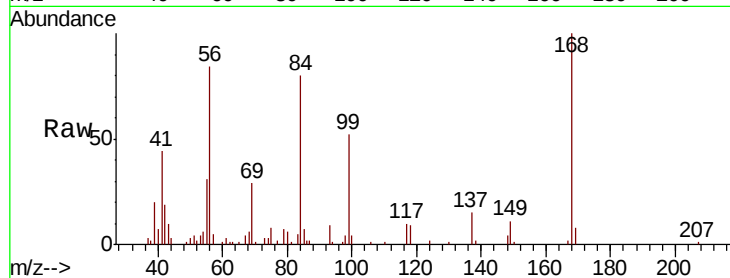
99 52.0 47.9 71.9

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Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

8000

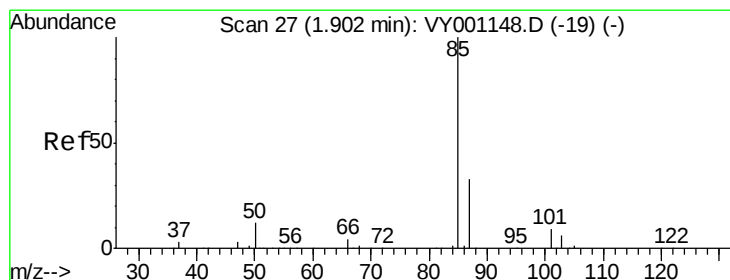
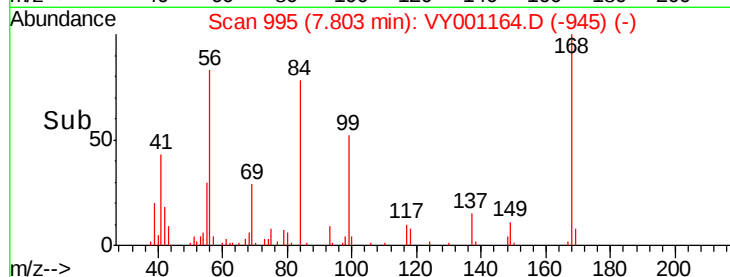
6000

4000

2000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.229 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001164.D

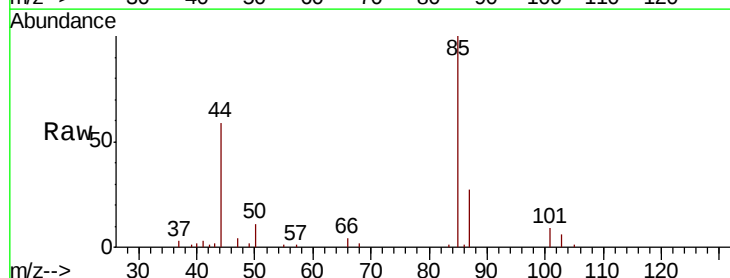
Acq: 10 Jan 2020 21:46

Tgt Ion: 85 Resp: 8278

Ion Ratio Lower Upper

85 100

87 27.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.90

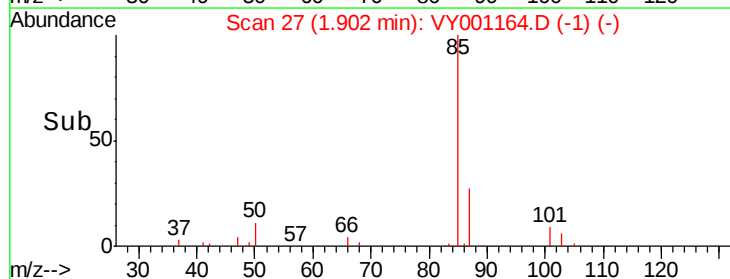
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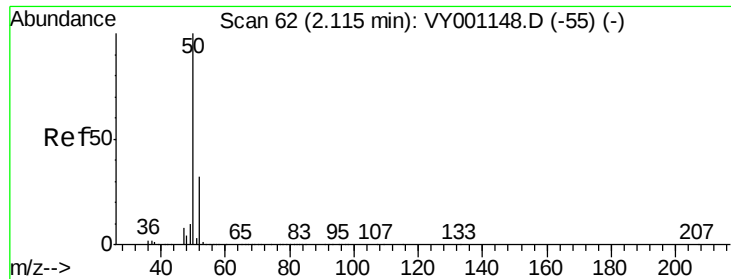
4000

2000

0

Time-->





#3

Chloromethane

Concen: 59.009 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 50 Resp: 12092

Ion Ratio Lower Upper

50 100

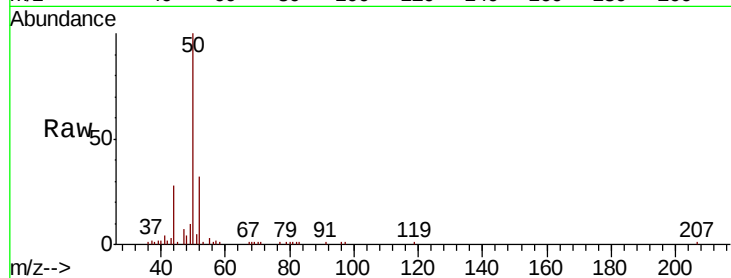
52 32.4 25.8 38.6

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

10000

8000

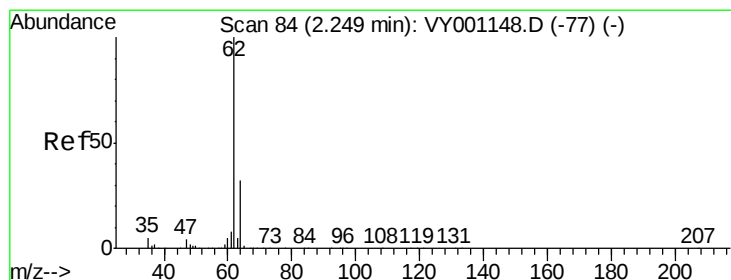
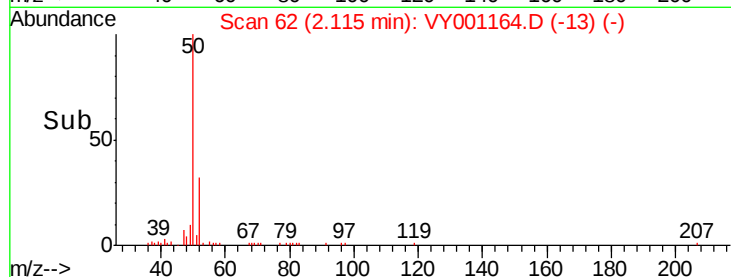
6000

4000

2000

0

Time-->



#4

Vinyl Chloride

Concen: 57.523 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001164.D

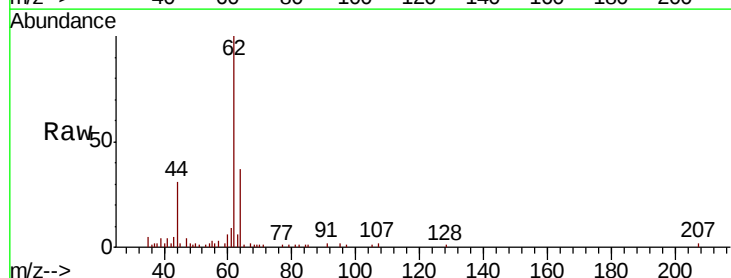
Acq: 10 Jan 2020 21:46

Tgt Ion: 62 Resp: 11875

Ion Ratio Lower Upper

62 100

64 36.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

8000

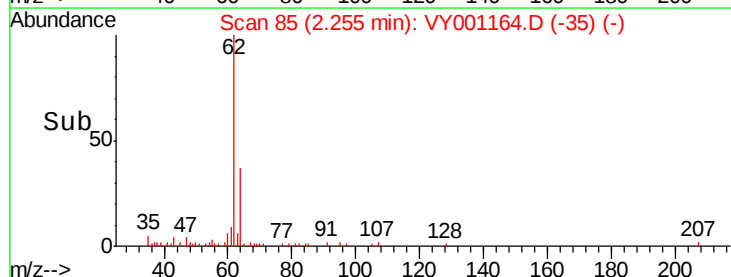
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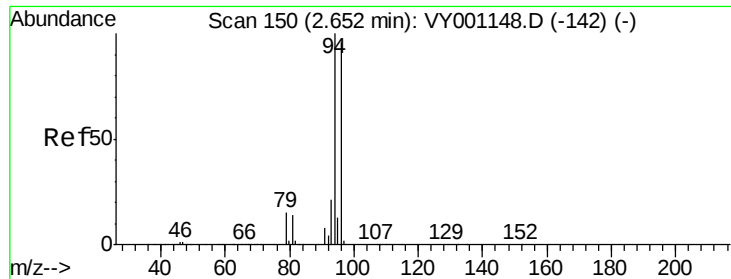
4000

2000

0

Time-->





#5

Bromomethane

Concen: 49.608 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 94 Resp: 5501

Ion Ratio Lower Upper

94 100

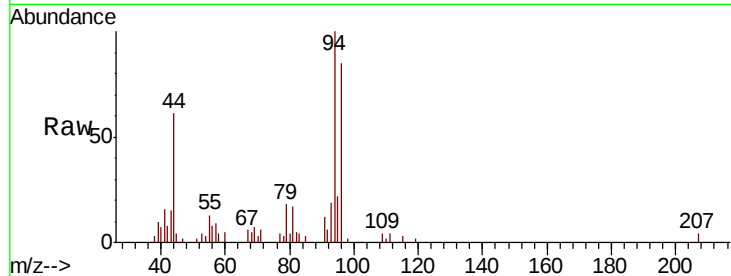
96 81.7 77.3 115.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

2500

2000

1500

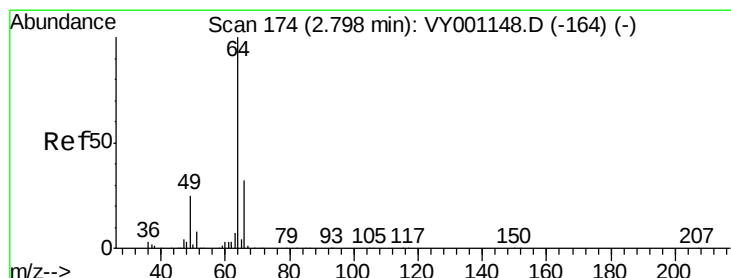
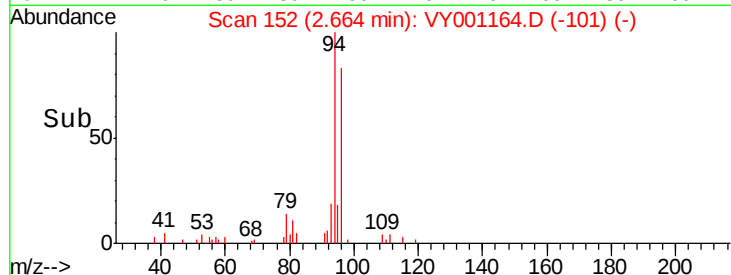
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#6

Chloroethane

Concen: 64.385 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.01 min

Lab File: VY001164.D

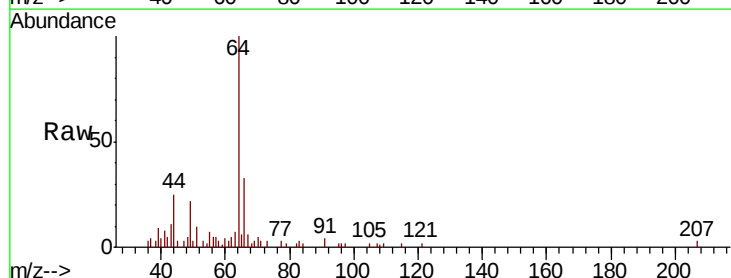
Acq: 10 Jan 2020 21:46

Tgt Ion: 64 Resp: 7679

Ion Ratio Lower Upper

64 100

66 33.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

4000

3000

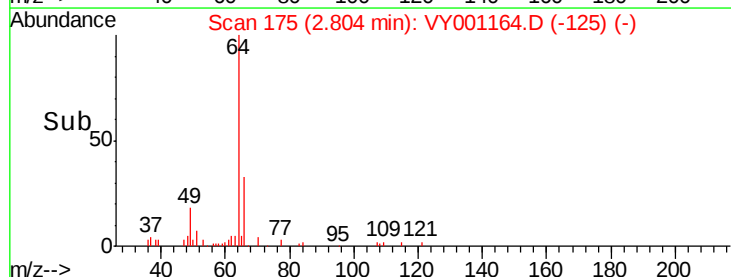
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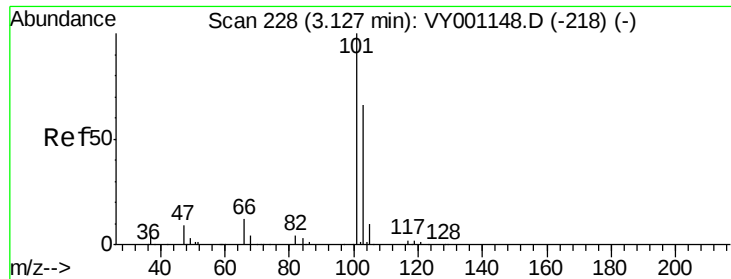
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0

2.75 2.80 2.85

Time-->





#7

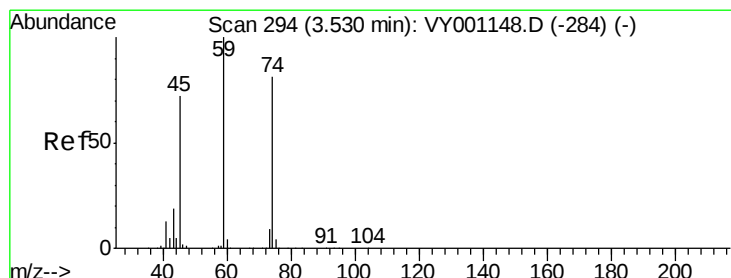
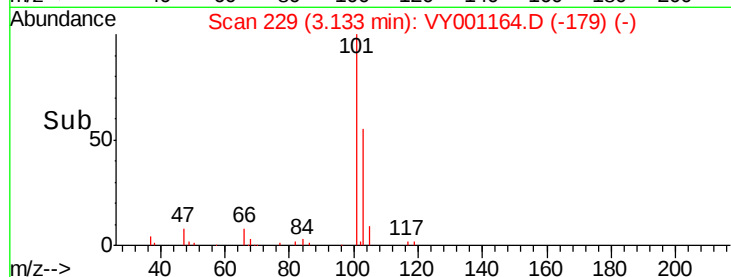
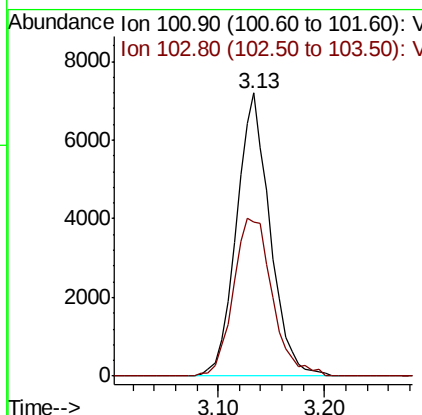
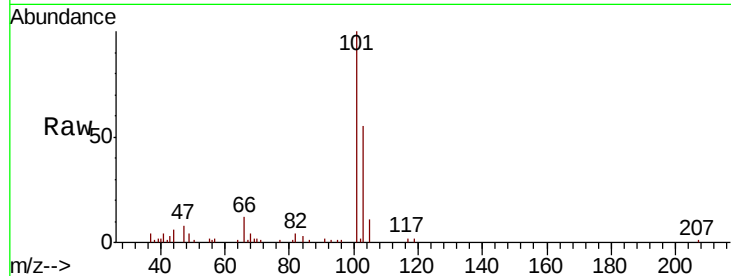
Trichlorofluoromethane
Concen: 55.263 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		15880		
103	54.6	52.6	79.0		

Manual Integrations
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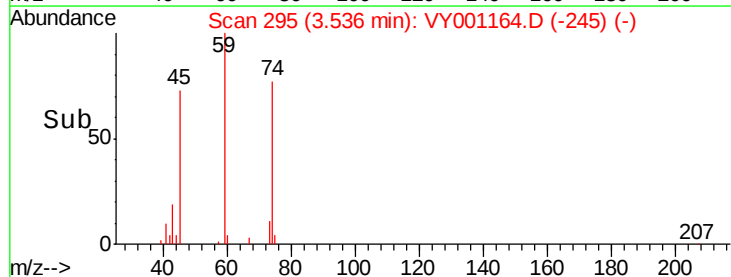
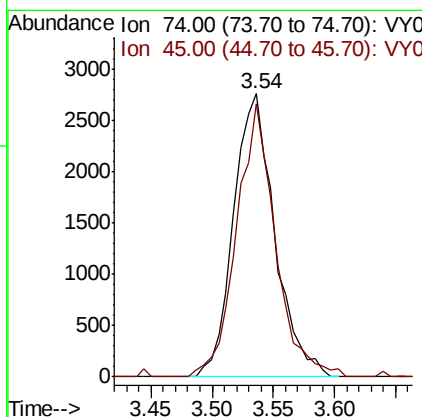
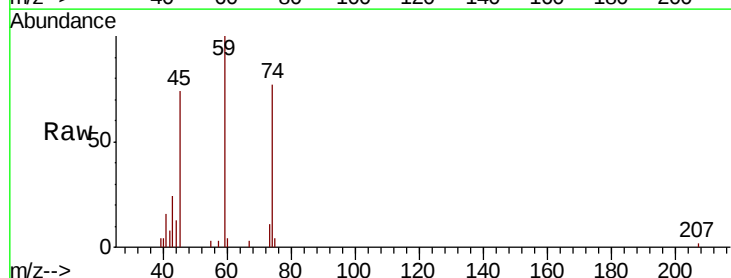
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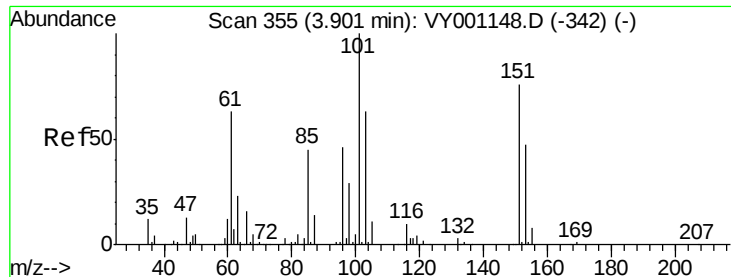


#8

Diethyl Ether
Concen: 57.712 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		6444		
45	91.1	45.5	136.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.470 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

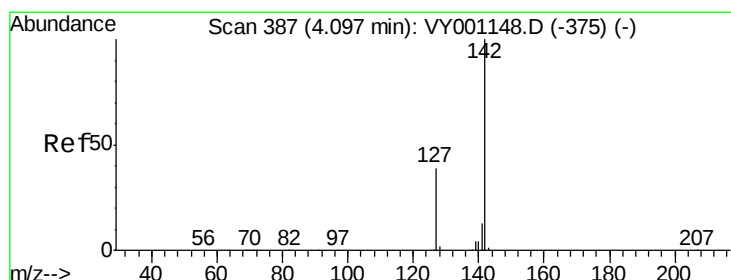
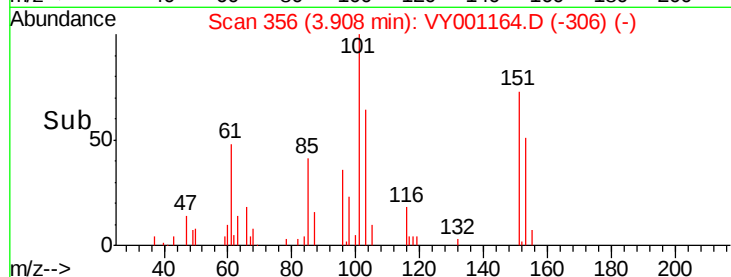
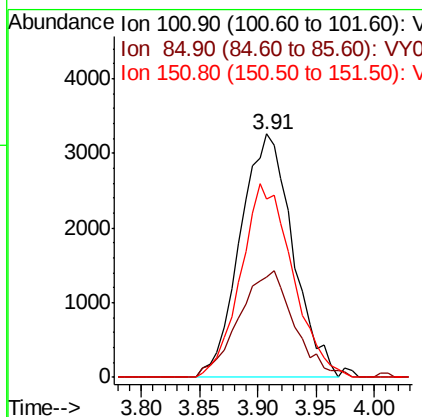
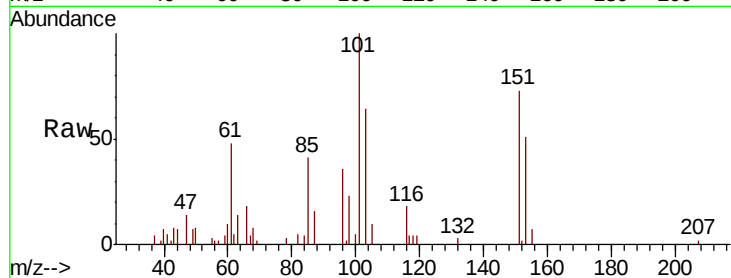
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:	101	Resp:	10260
Ion Ratio	Lower	Upper	
101	100		
85	46.0	35.2	52.8
151	78.2	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 59.895 ug/l

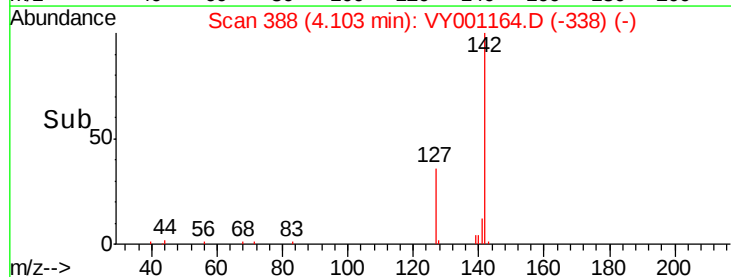
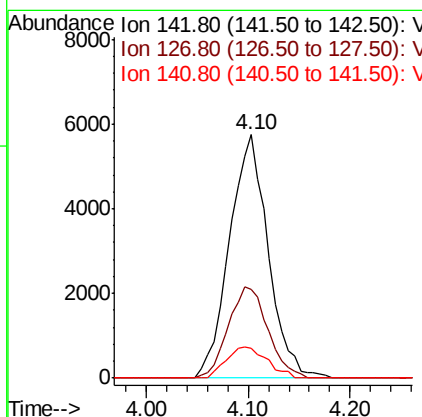
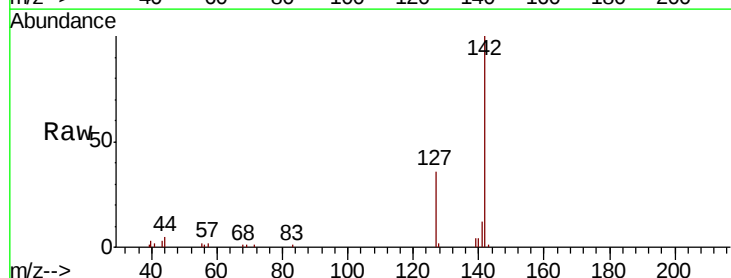
RT: 4.10 min Scan# 388

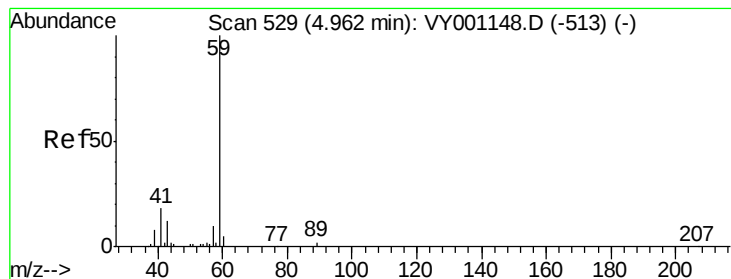
Delta R.T. 0.01 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Tgt Ion:	142	Resp:	15164
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.8	46.2
141	13.4	11.0	16.4





#11

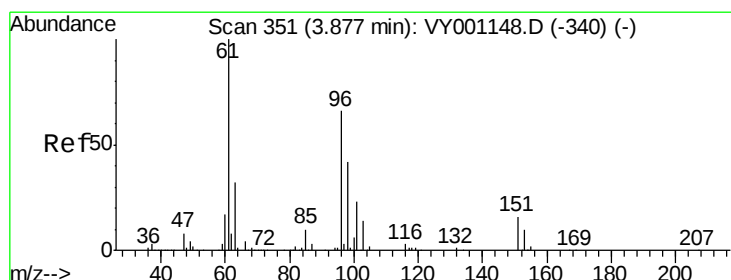
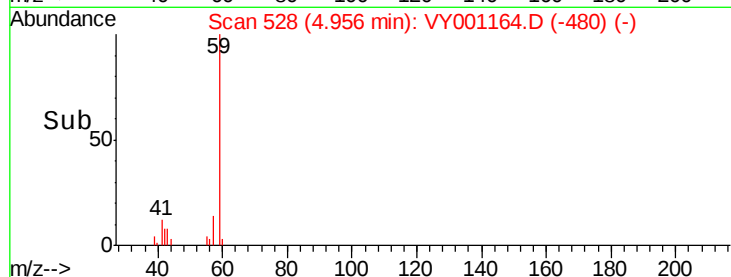
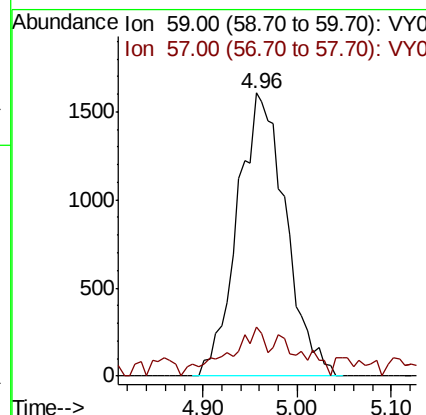
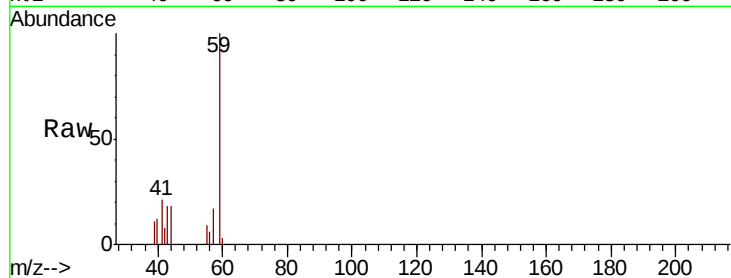
Tert butyl alcohol
 Concen: 292.667 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.7	7.8	11.8#

Manual Integrations
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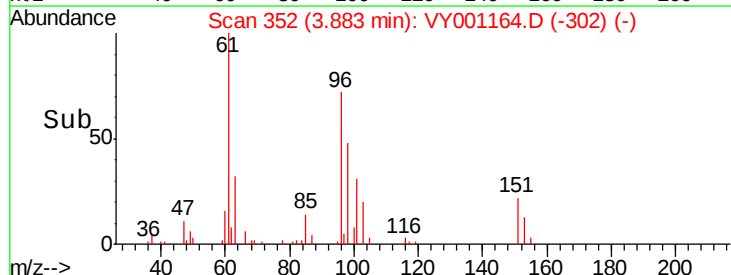
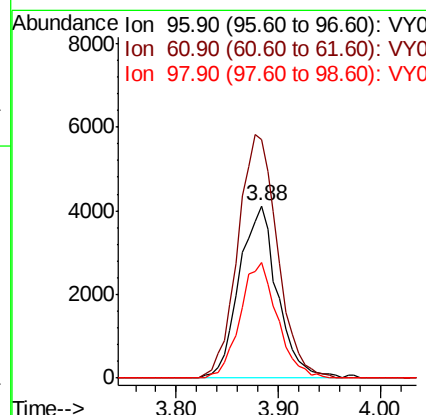
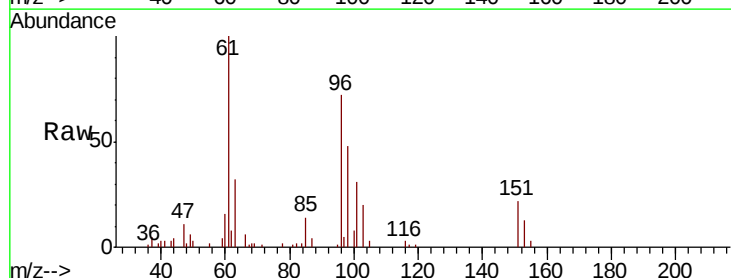
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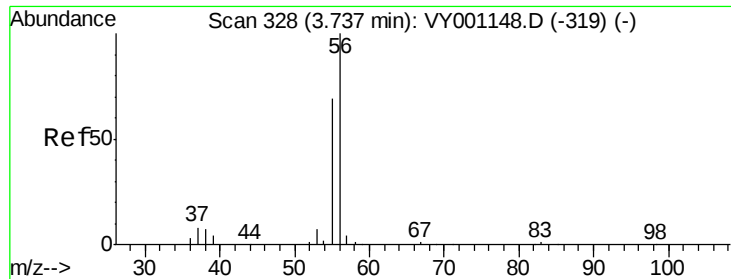


#12

1,1-Dichloroethene
 Concen: 56.490 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.8	122.1	183.1
98	67.3	51.0	76.6





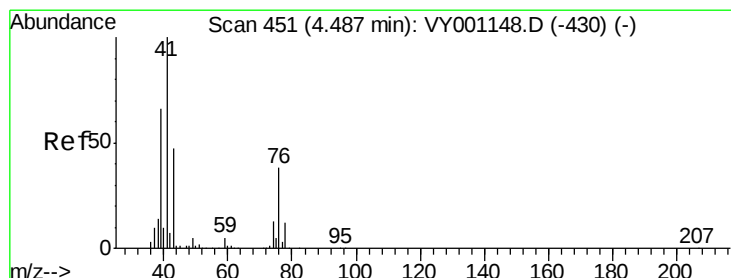
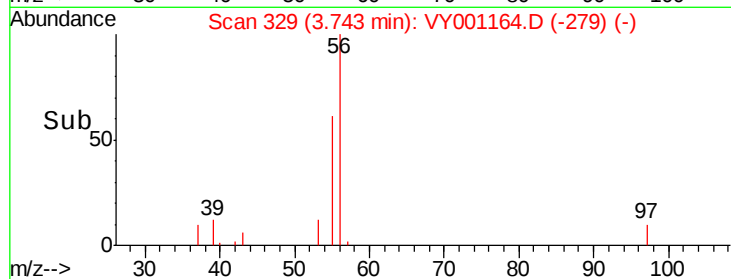
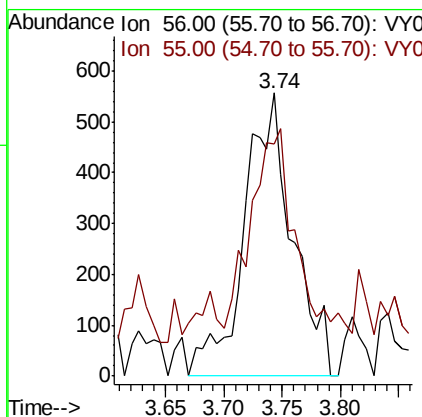
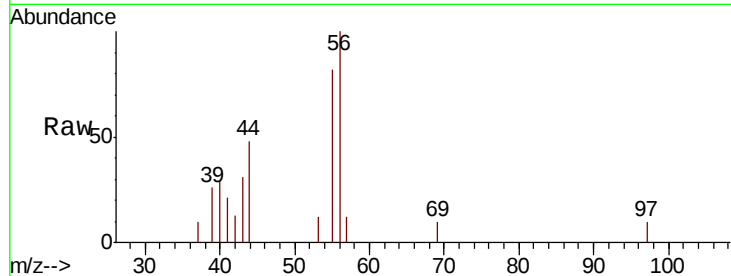
#13
Acrolein
Concen: 90.634 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion: 56 Resp: 1605
Ion Ratio Lower Upper
56 100
55 65.3 56.7 85.1

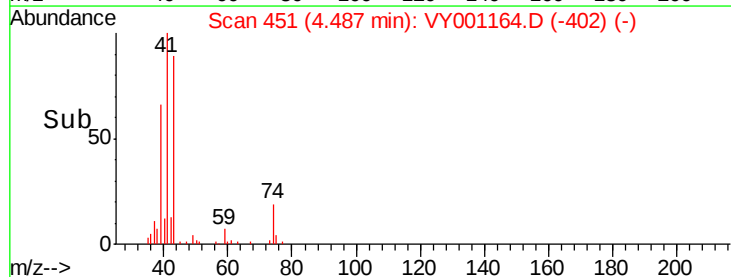
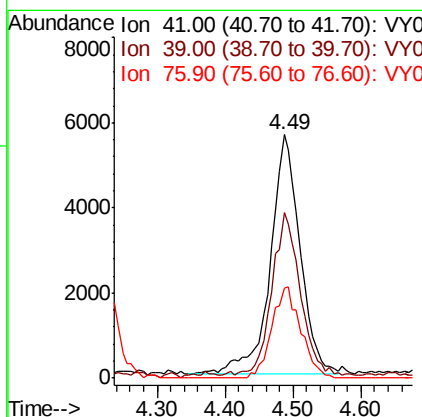
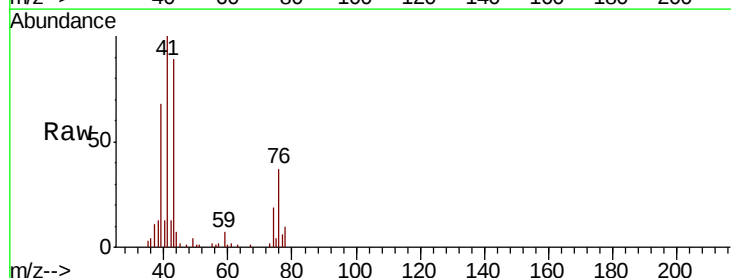
Manual Integrations
APPROVED

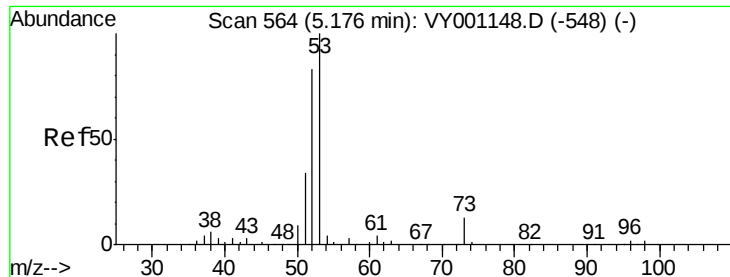
MMDadoda
1/15/2020 6:07:05 PM



#14
Allyl chloride
Concen: 53.609 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion: 41 Resp: 17122
Ion Ratio Lower Upper
41 100
39 64.8 52.6 78.8
76 37.0 30.2 45.2





#15

Acrylonitrile

Concen: 285.874 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

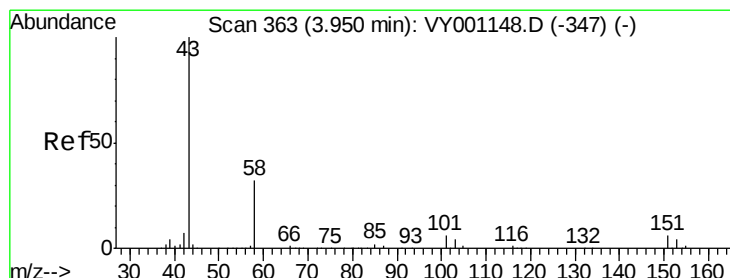
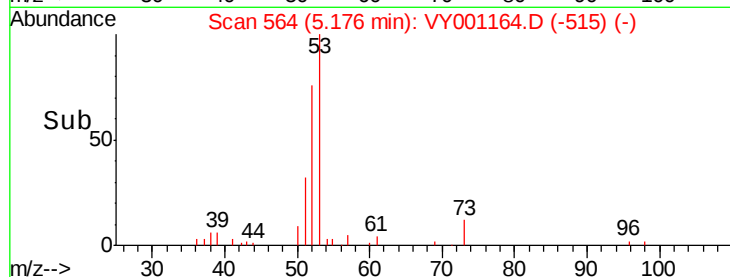
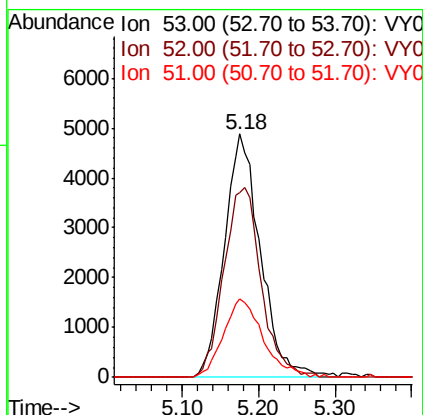
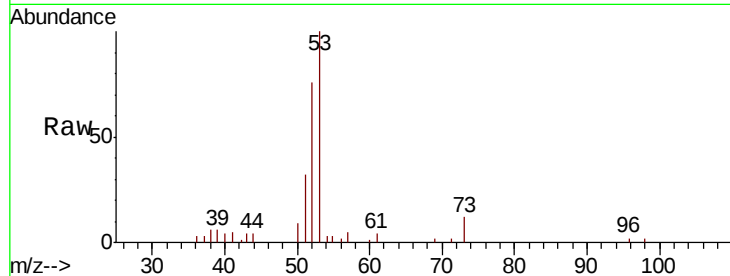
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:	53	Resp:	15964
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.7	98.5
51	35.1	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 309.171 ug/l

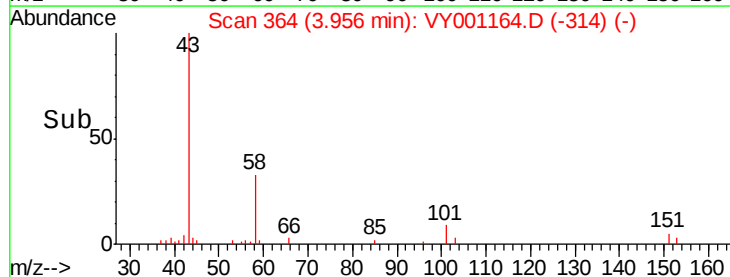
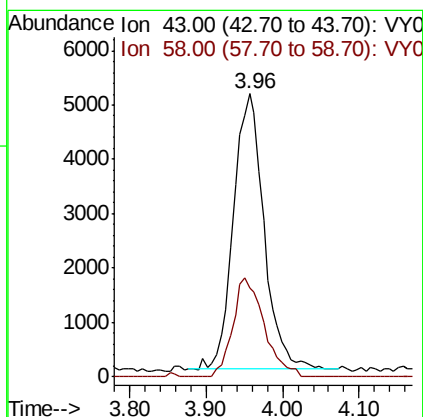
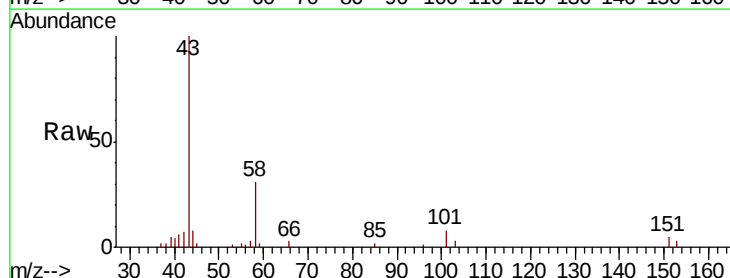
RT: 3.96 min Scan# 364

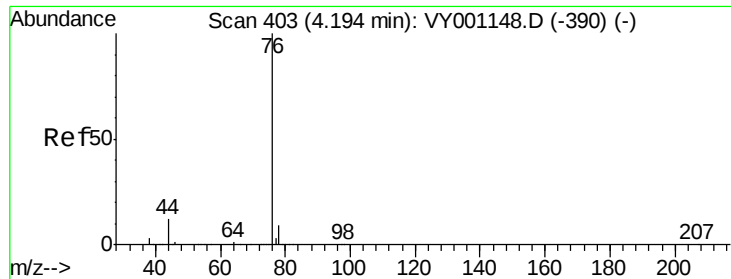
Delta R.T. 0.01 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Tgt Ion:	43	Resp:	14038
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.8	38.6





#17

Carbon Disulfide

Concen: 54.368 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 76 Resp: 33299

Ion Ratio Lower Upper

76 100

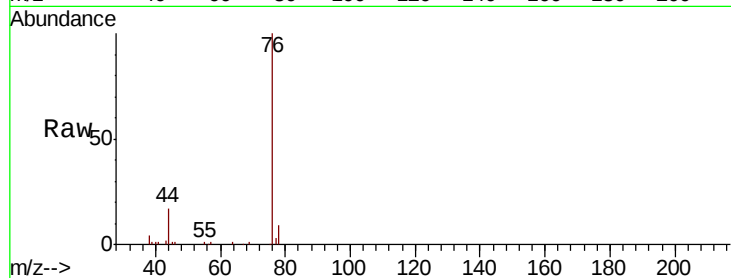
78 9.0 7.2 10.8

Manual Integrations

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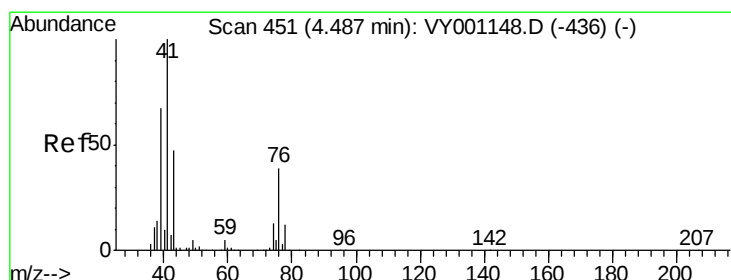
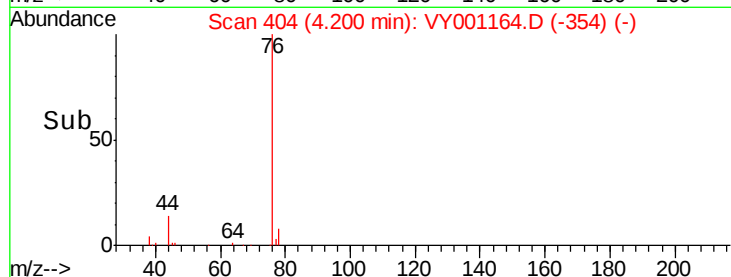
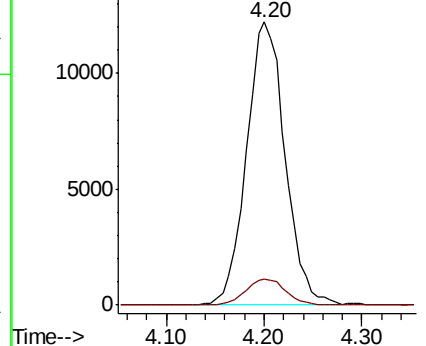
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 100.073 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY001164.D

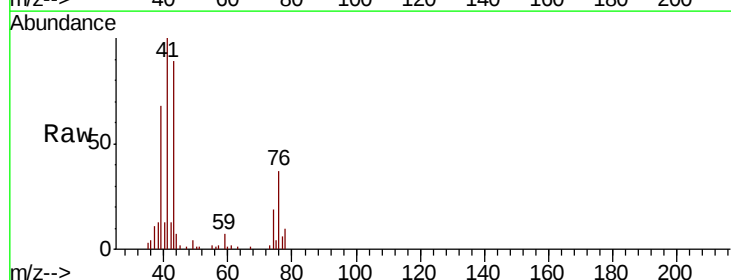
Acq: 10 Jan 2020 21:46

Tgt Ion: 43 Resp: 15023

Ion Ratio Lower Upper

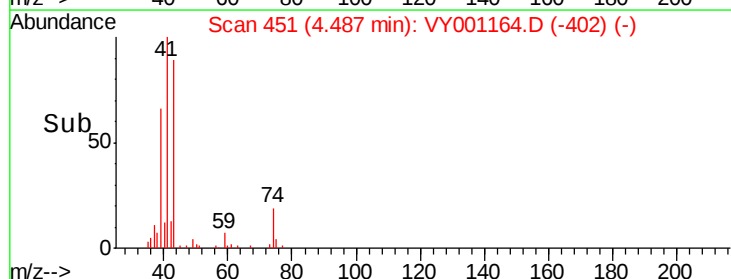
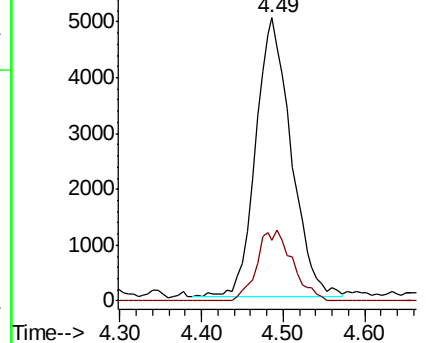
43 100

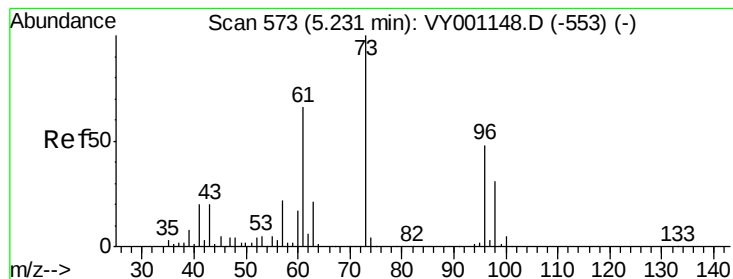
74 25.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

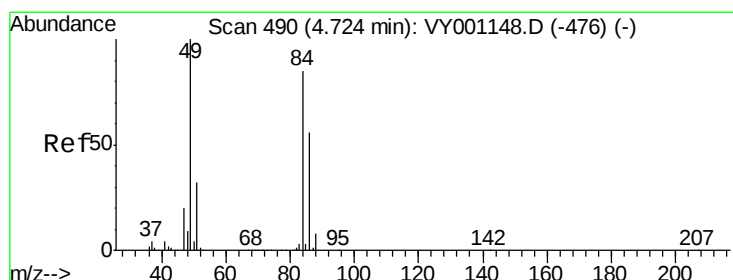
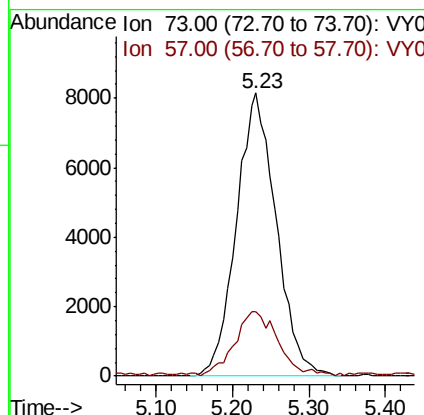
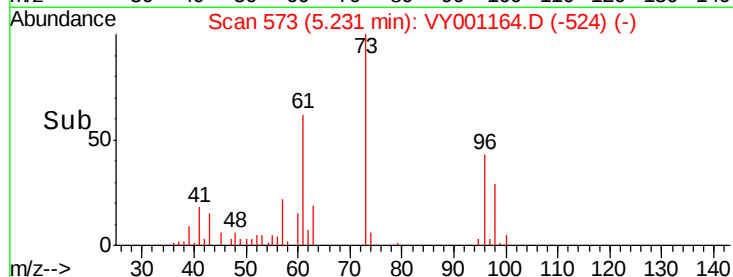
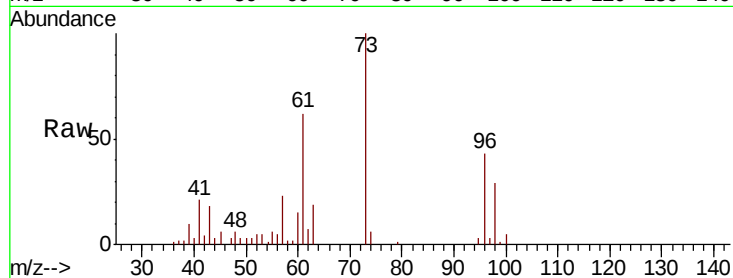
Methyl tert-butyl Ether
 Concen: 56.195 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	73	Resp	29415
Ion Ratio	100	Lower	Upper
57	21.8	17.8	26.6

Manual Integrations
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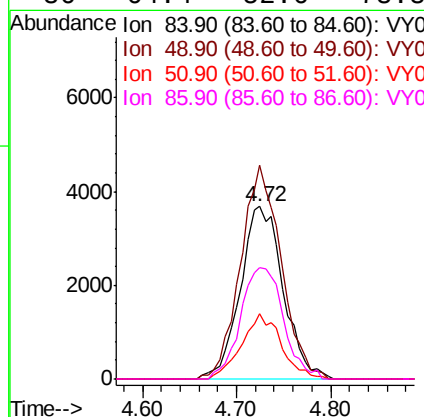
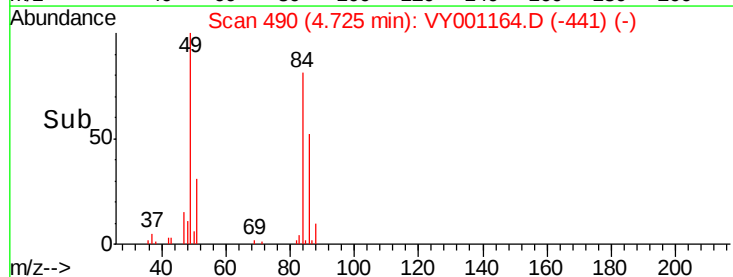
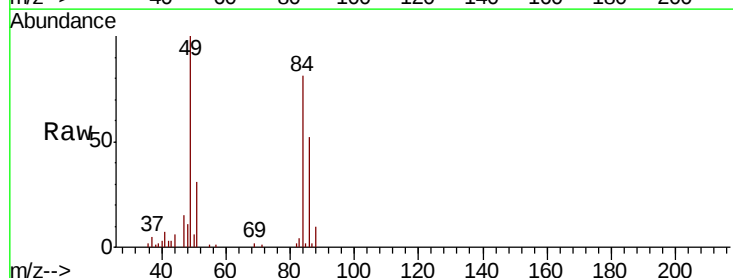
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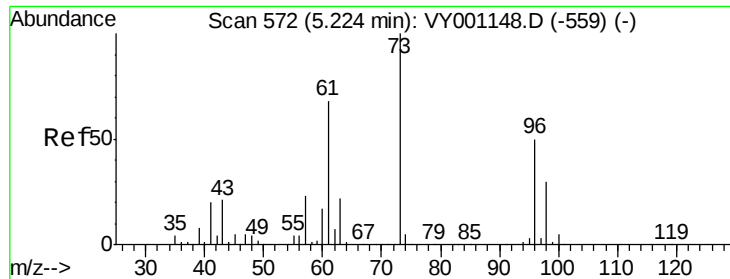


#20

Methylene Chloride
 Concen: 55.951 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion	84	Resp	11700
Ion Ratio	100	Lower	Upper
49	123.9	93.8	140.6
51	38.1	29.9	44.9
86	64.4	52.6	78.8





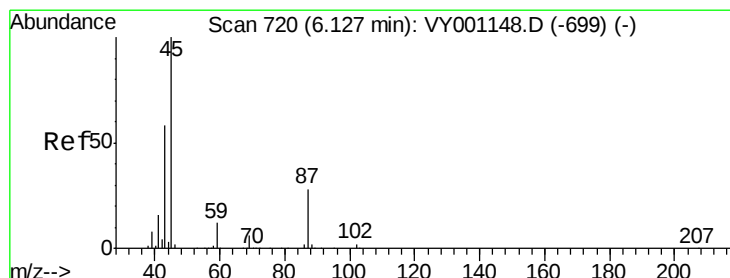
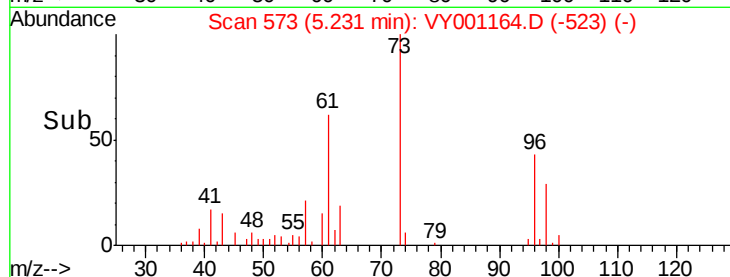
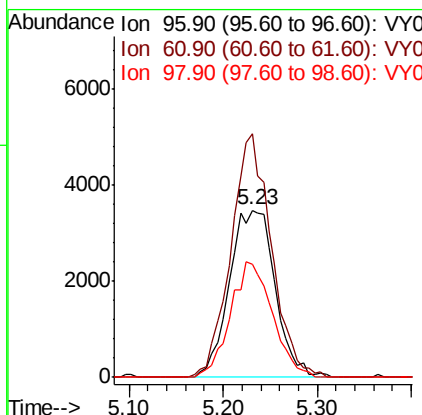
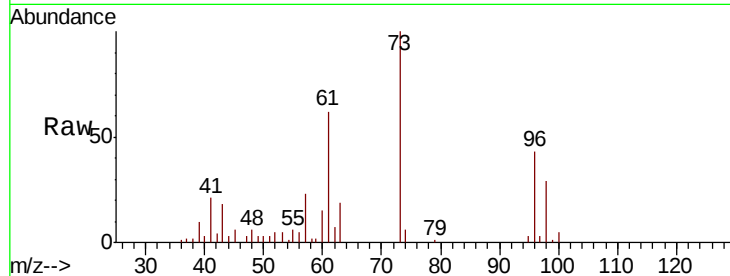
#21
trans-1,2-Dichloroethene
Concen: 55.067 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	107.6	161.4
98	67.7	47.6	71.4

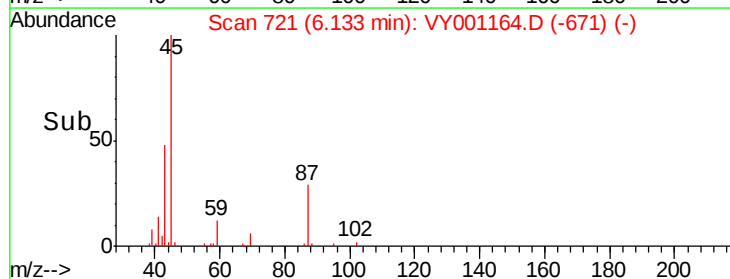
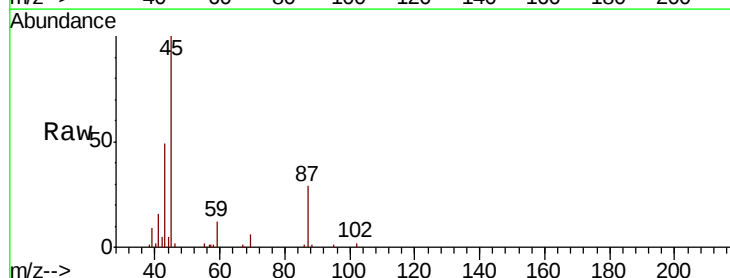
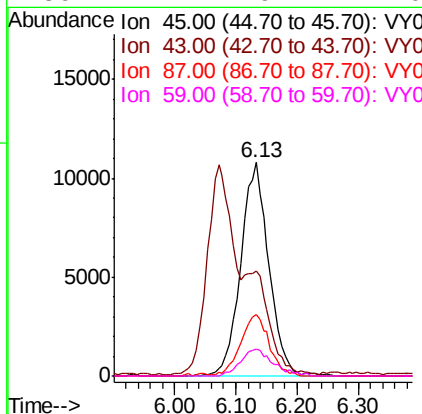
Manual Integrations
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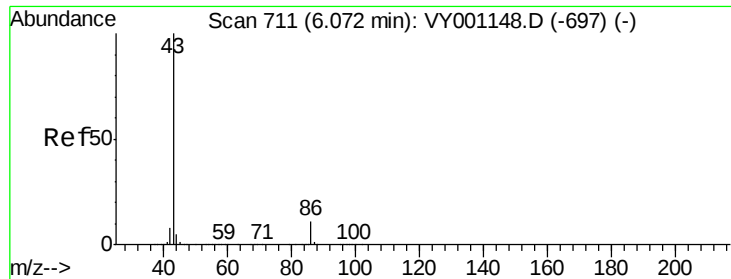
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#22
Diisopropyl ether
Concen: 52.596 ug/l
RT: 6.13 min Scan# 721
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	47.2	46.5	69.7
87	28.9	22.5	33.7
59	12.4	9.4	14.0





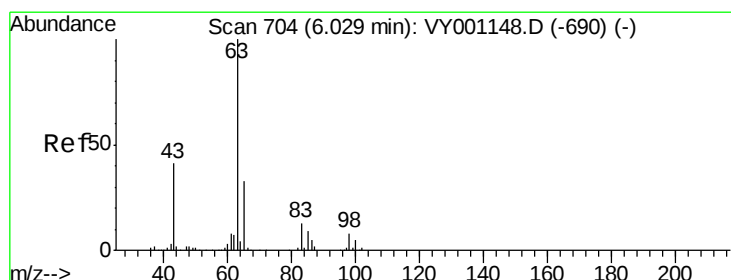
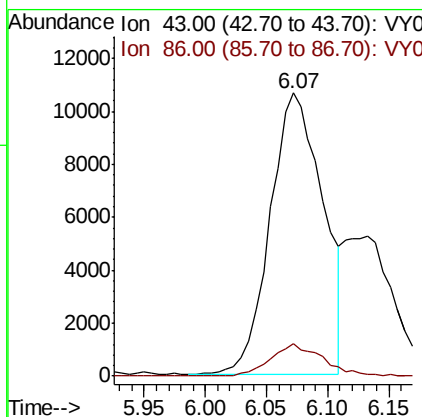
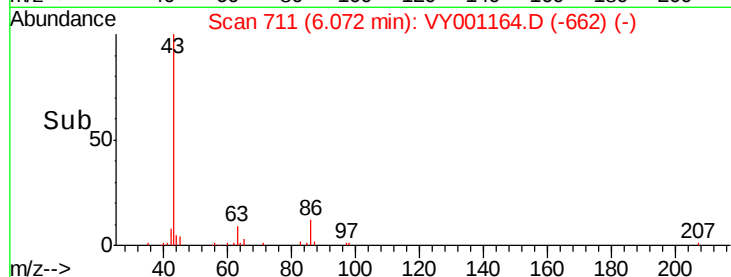
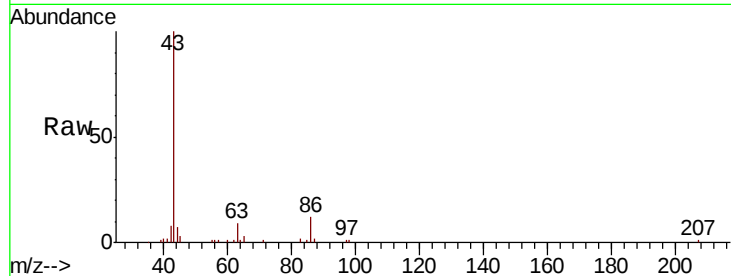
#23
 Vinyl Acetate
 Concen: 76.863 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	43	Resp	32067
Ion Ratio	100	Lower	Upper
43	100		
86	11.7	9.0	13.4

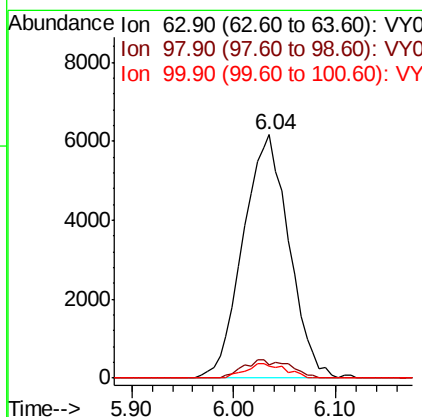
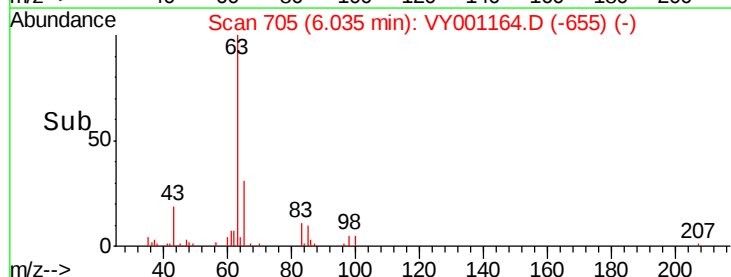
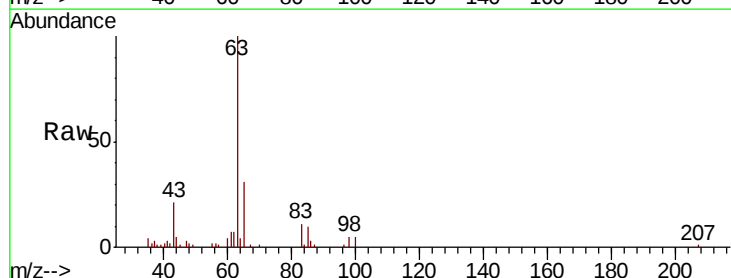
Manual Integrations
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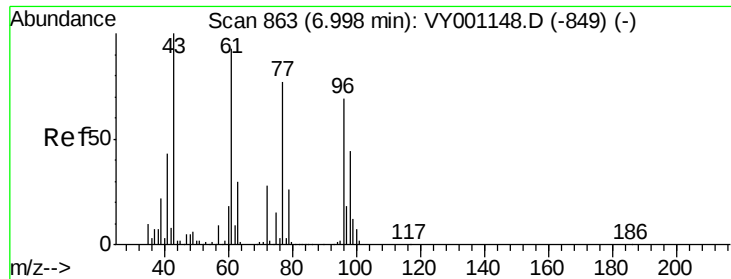
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#24
 1,1-Dichloroethane
 Concen: 54.014 ug/l
 RT: 6.04 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion	63	Resp	19290
Ion Ratio	100	Lower	Upper
63	100		
98	5.3	3.9	11.7
100	4.9	2.4	7.2





#25

2-Butanone

Concen: 300.595 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 43 Resp: 21242

Ion Ratio Lower Upper

43 100

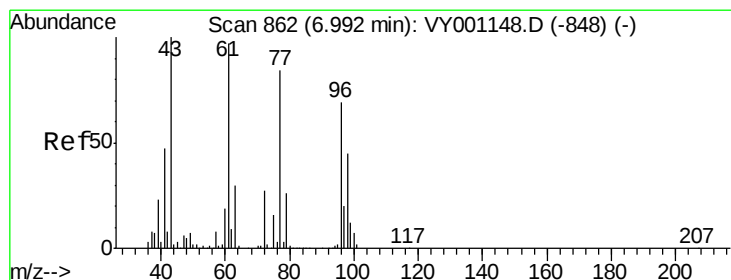
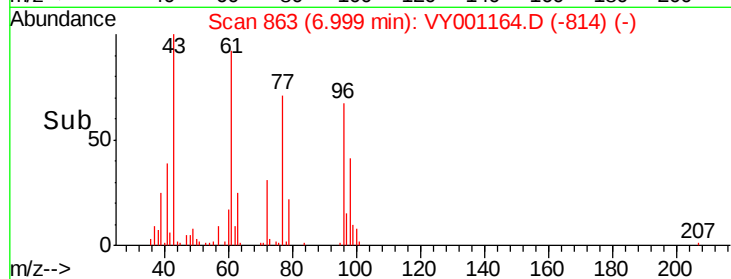
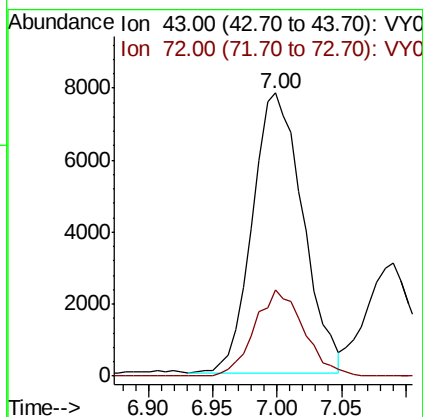
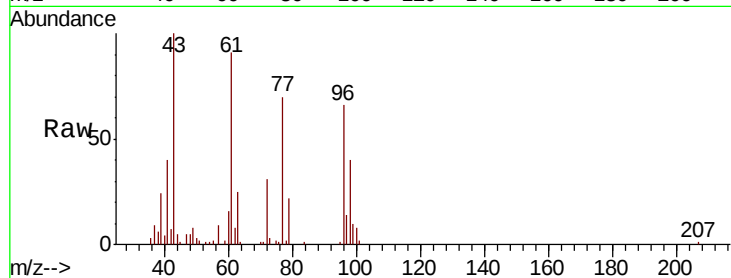
72 30.9 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.456 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001164.D

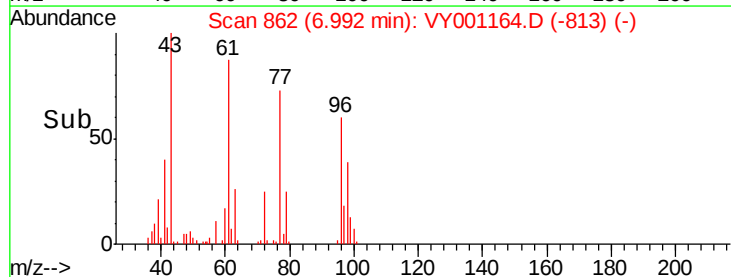
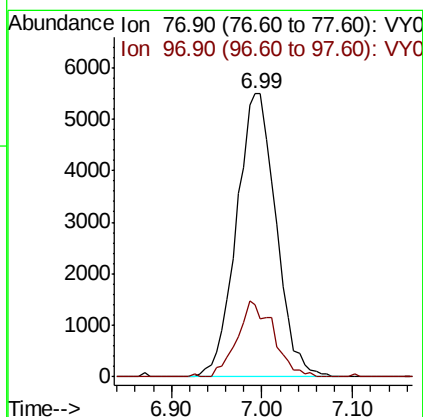
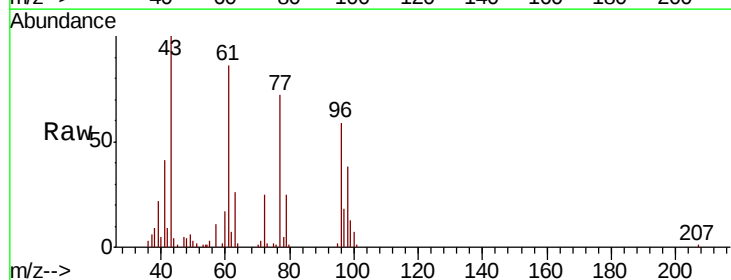
Acq: 10 Jan 2020 21:46

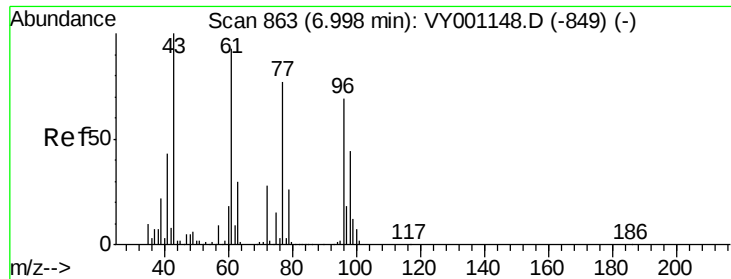
Tgt Ion: 77 Resp: 16570

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 55.823 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

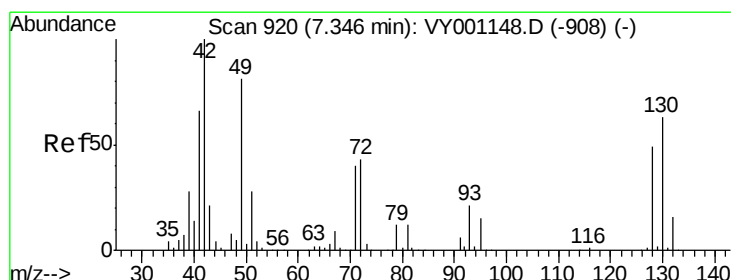
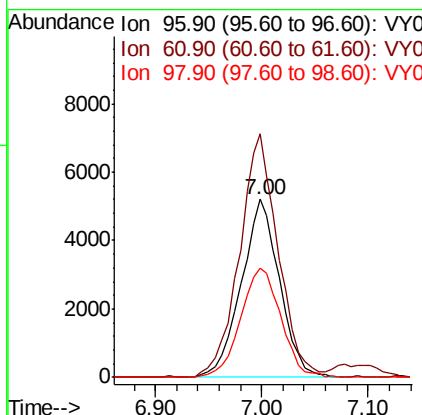
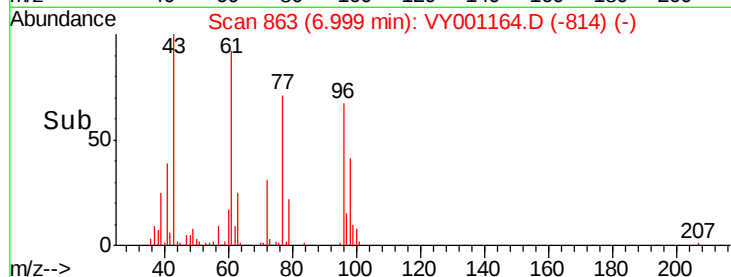
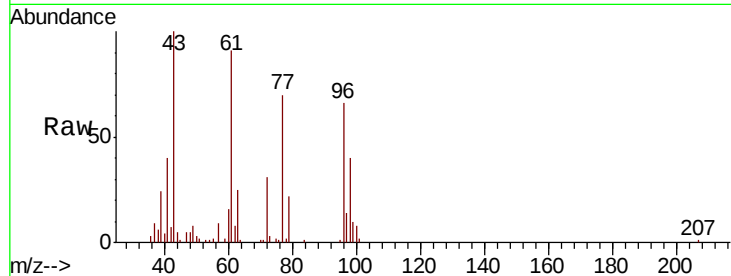
Instrument :
MSVOA_Y

ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	284.0
98	64.2	0.0	130.2

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#28

Bromochloromethane

Concen: 60.327 ug/l

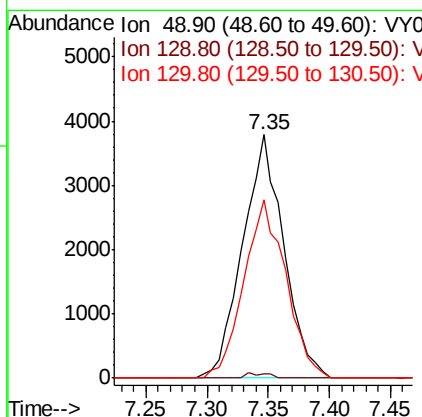
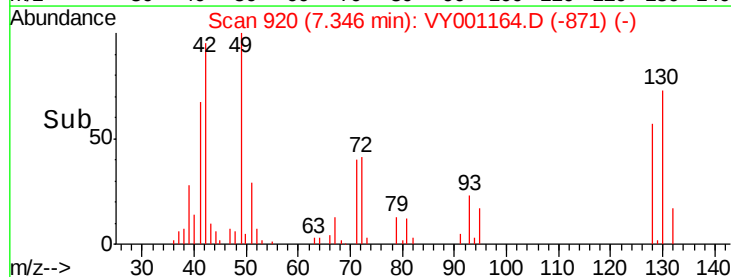
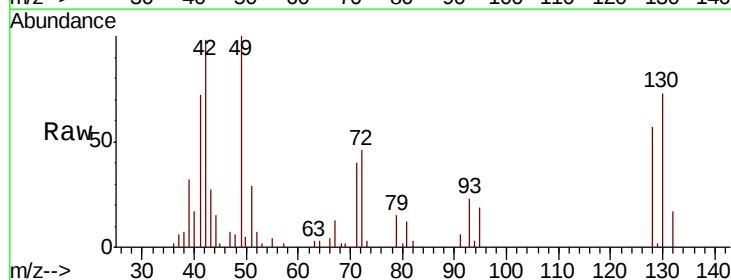
RT: 7.35 min Scan# 920

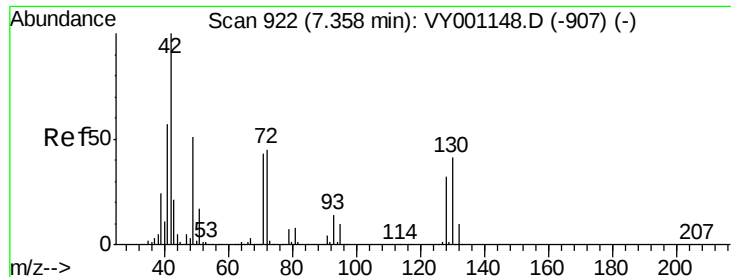
Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	74.6	61.2	91.8





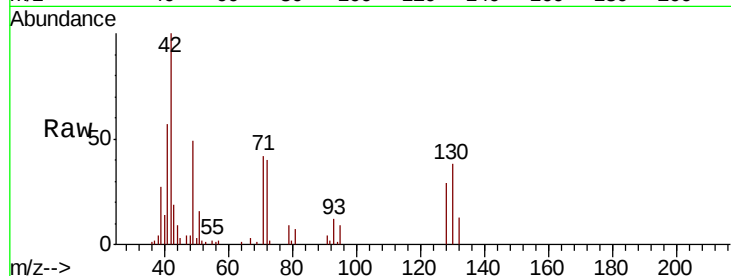
#29
Tetrahydrofuran
Concen: 293.859 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

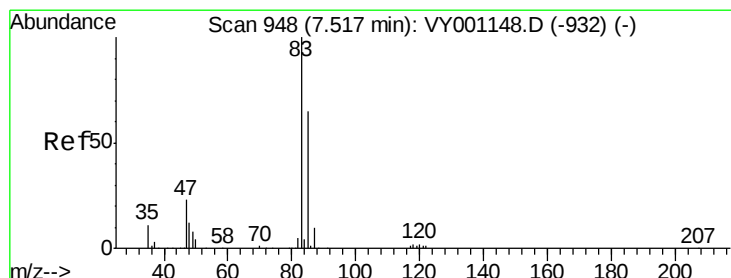
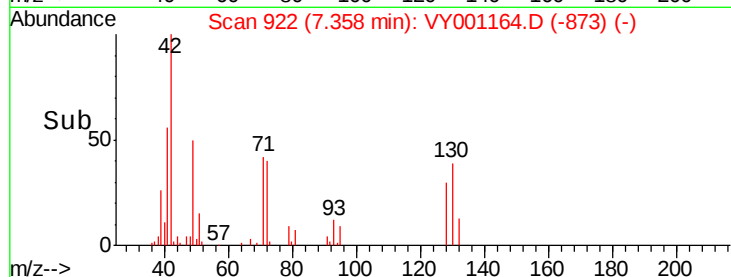
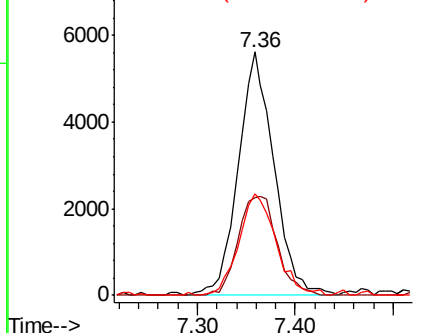
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.9	55.3
71	43.3	34.0	51.0

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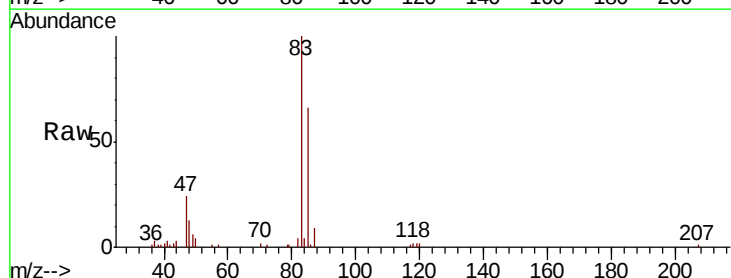


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

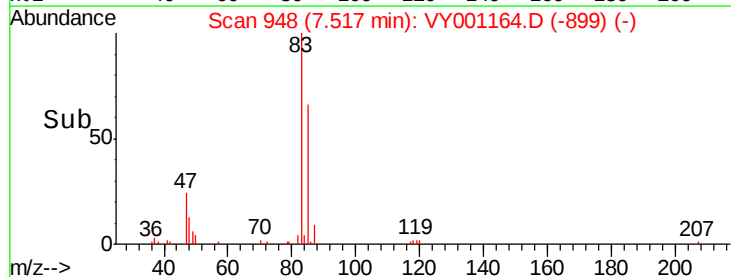
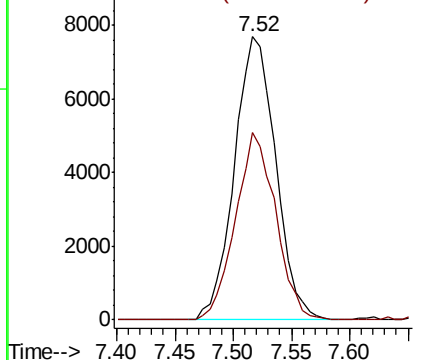


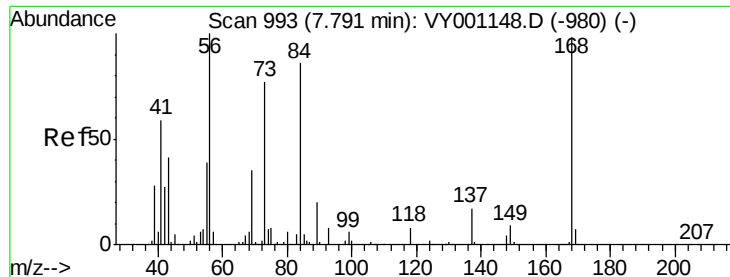
#30
Chloroform
Concen: 54.166 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.9	77.9



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





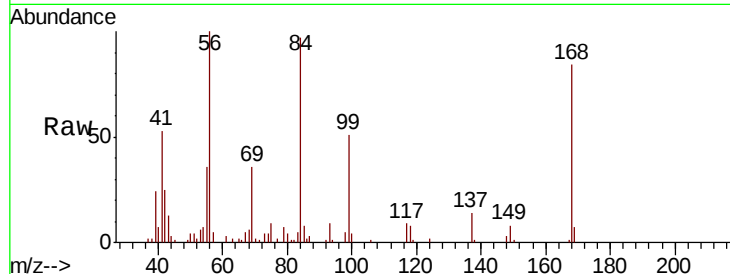
#31
Cyclohexane
Concen: 53.741 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

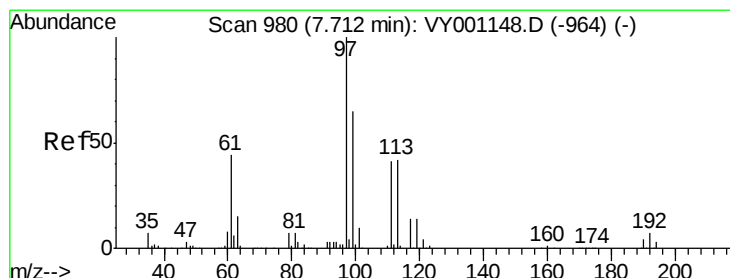
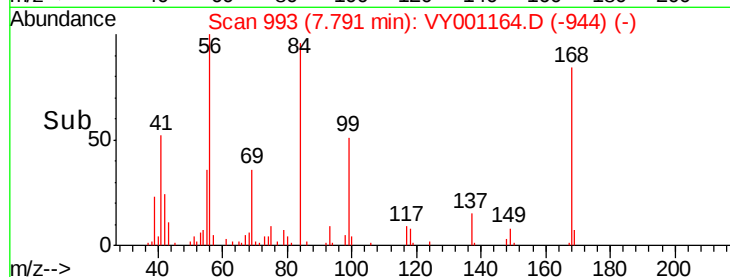
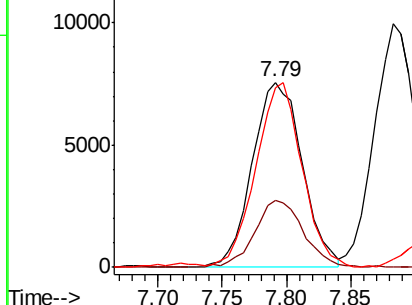
Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	27.8	41.8
84	95.8	68.9	103.3

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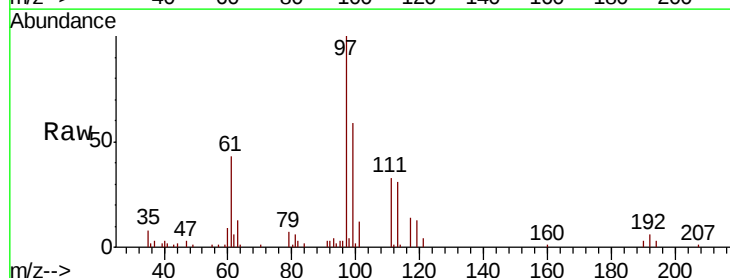


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

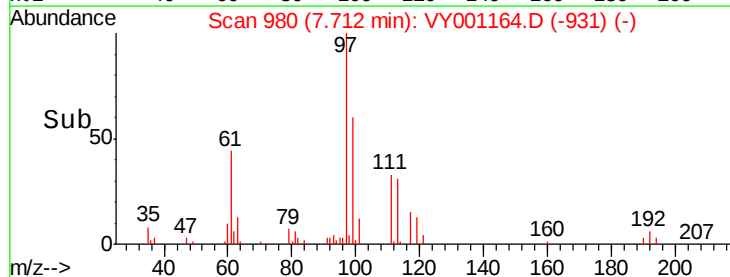
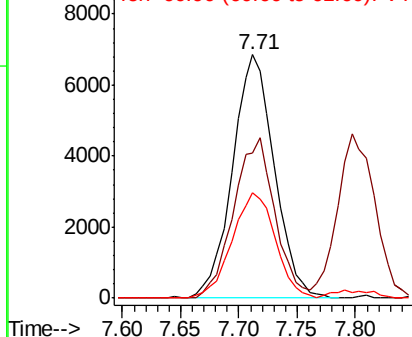


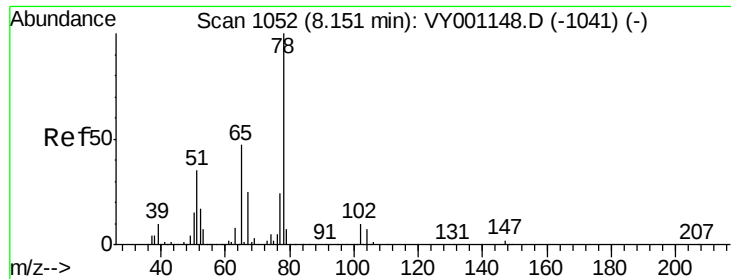
#32
1,1,1-Trichloroethane
Concen: 55.082 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	44.7	34.6	52.0



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





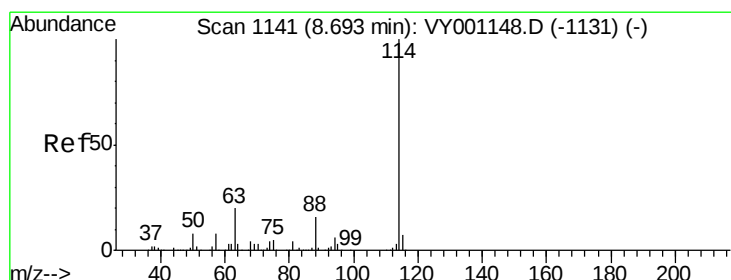
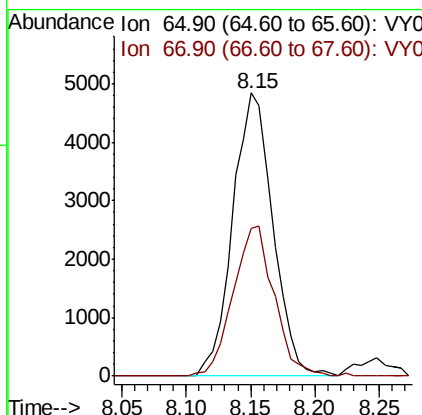
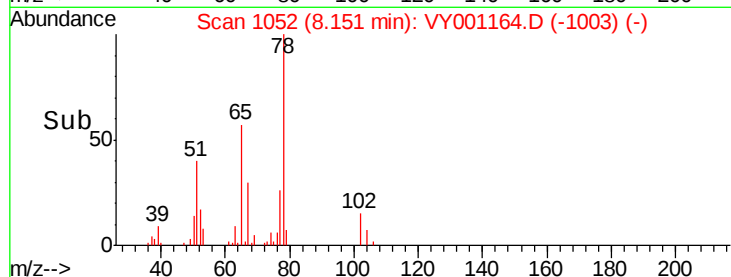
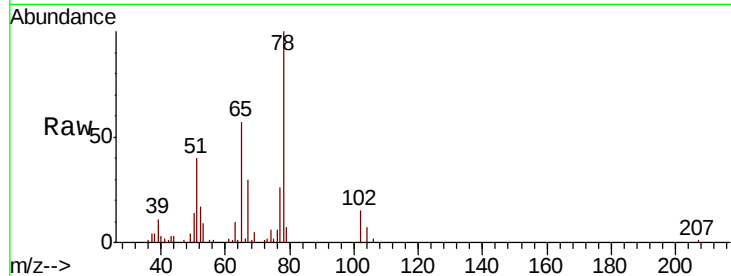
#33
 1,2-Dichloroethane-d4
 Concen: 53.634 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.0	0.0	105.2	

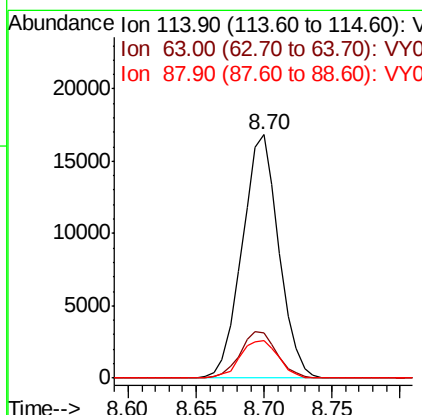
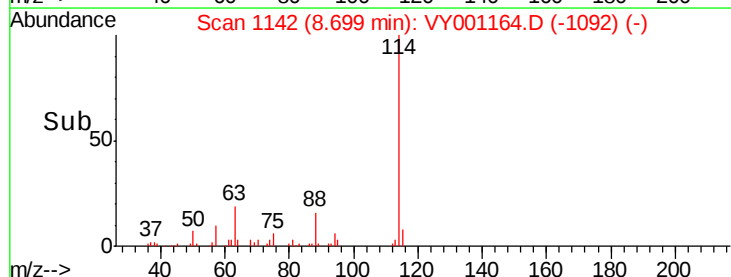
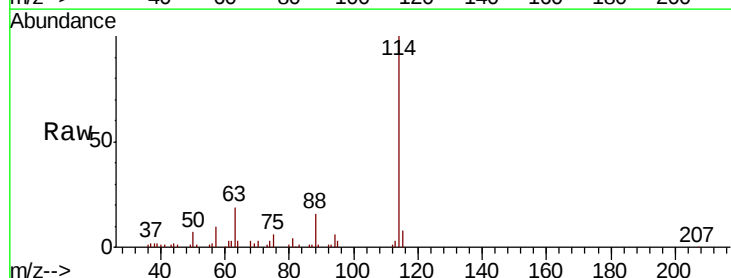
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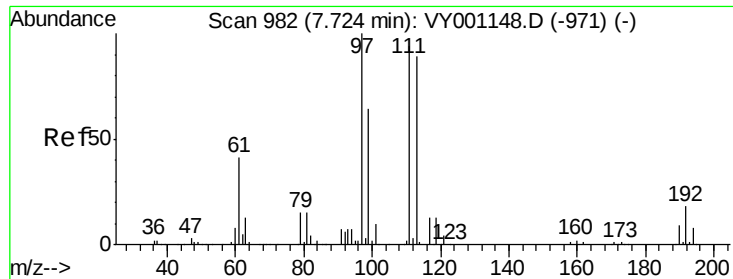
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.7	0.0	40.8	
88	15.6	0.0	32.4	





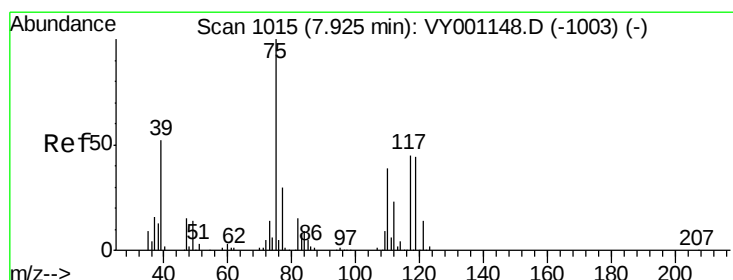
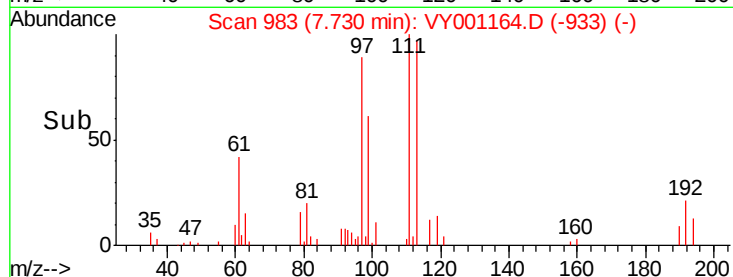
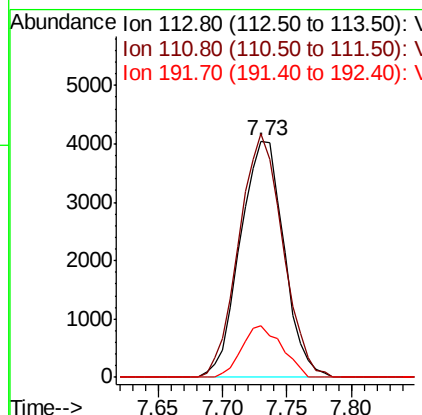
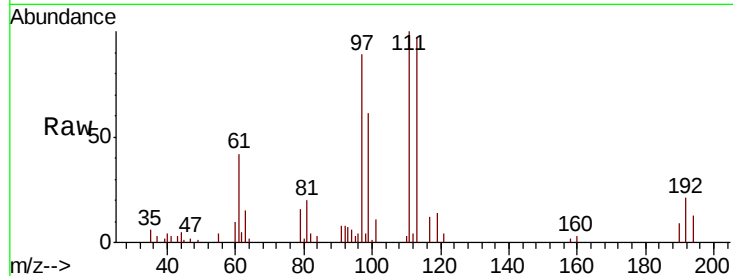
#35
 Dibromofluoromethane
 Concen: 51.210 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	20.2	15.4	23.2

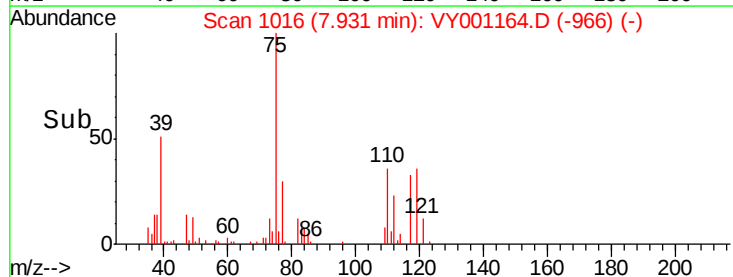
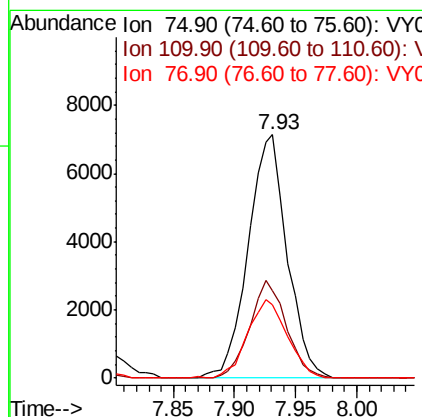
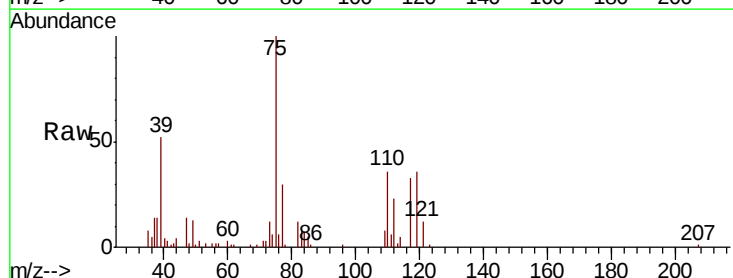
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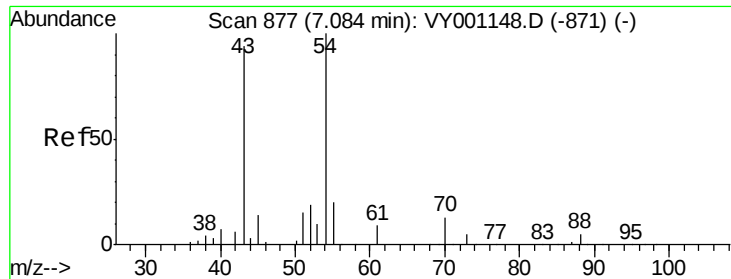
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#36
 1,1-Dichloropropene
 Concen: 54.580 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.3	54.8
77	32.9	25.1	37.7





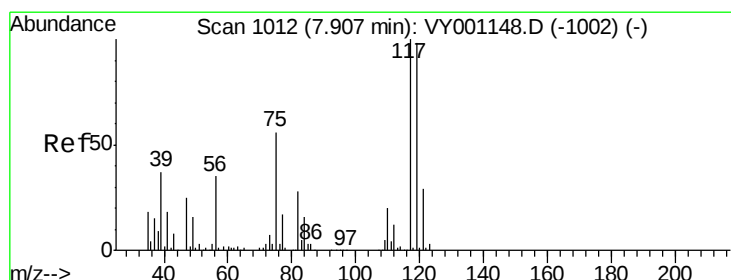
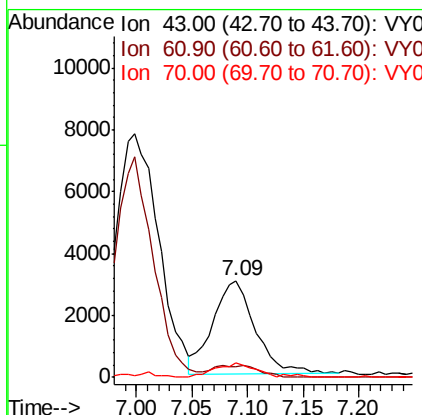
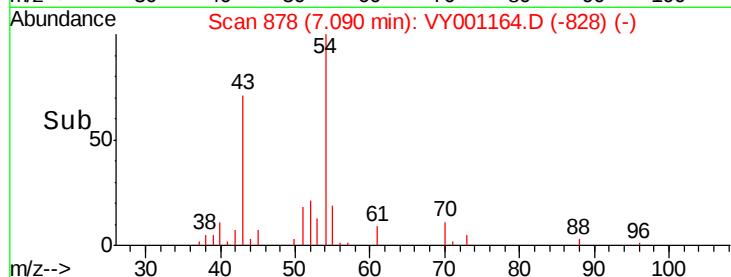
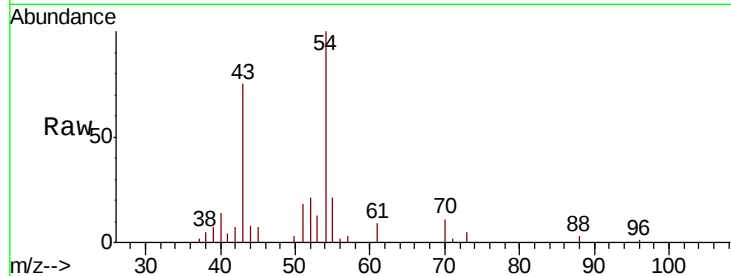
#37
Ethyl Acetate
Concen: 46.306 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	14.5	9.7	14.5

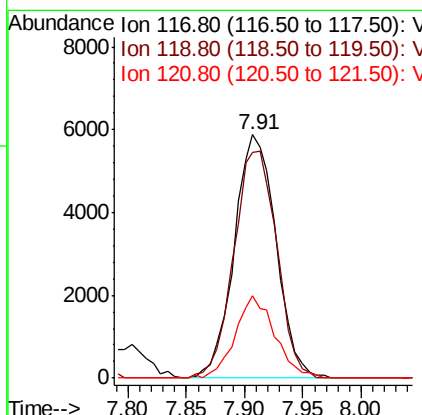
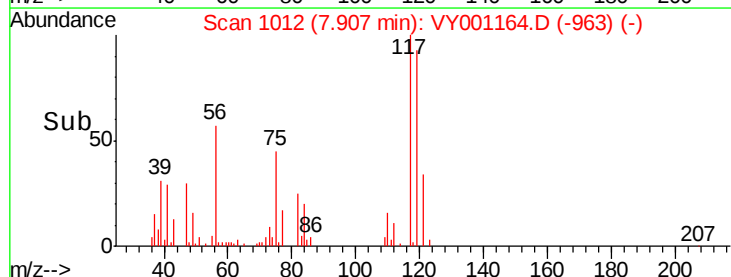
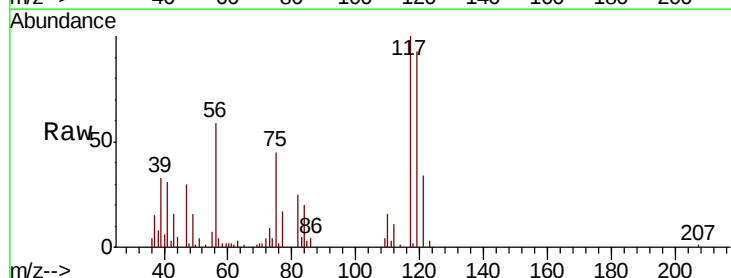
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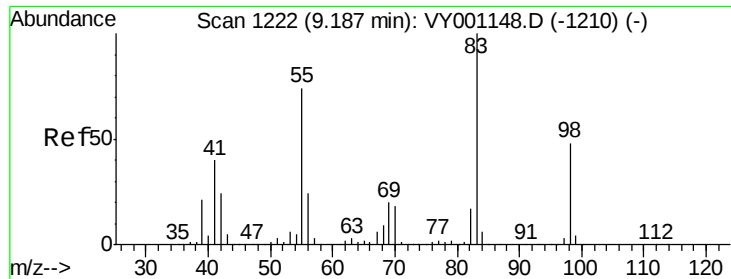
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#38
Carbon Tetrachloride
Concen: 55.541 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.3	117.5
121	34.0	23.5	35.3





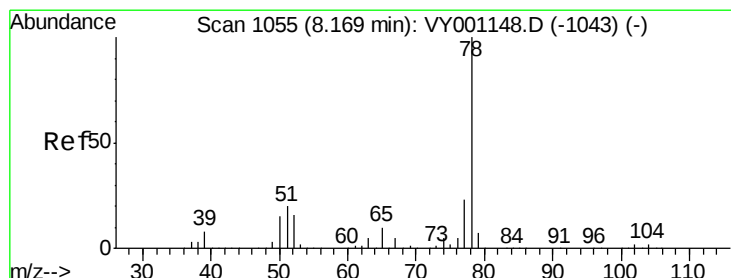
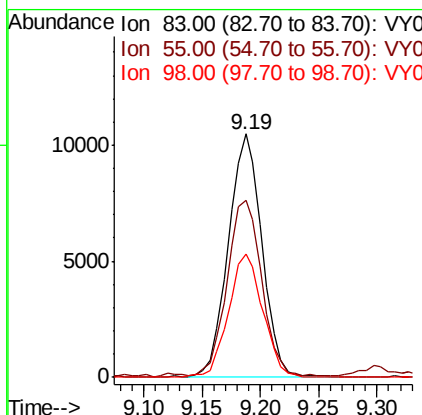
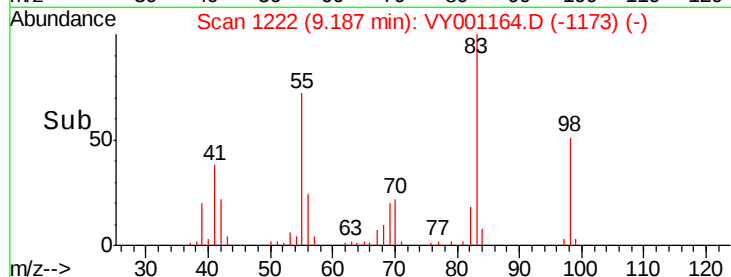
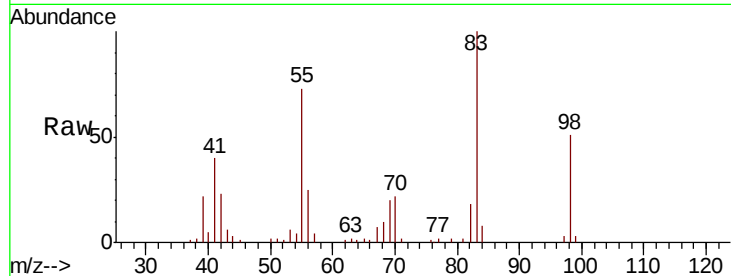
#39
Methvlcvclohexane
Concen: 53.569 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	58.9	88.3
98	50.6	38.4	57.6

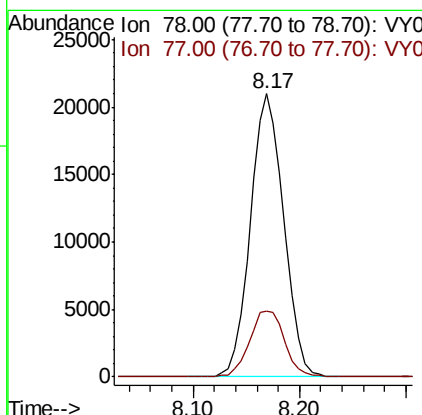
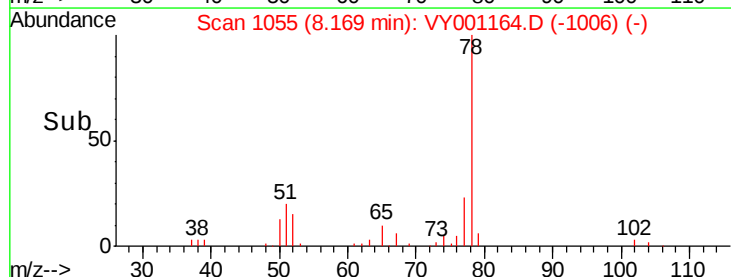
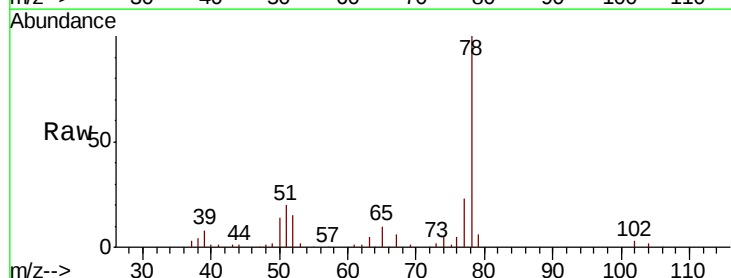
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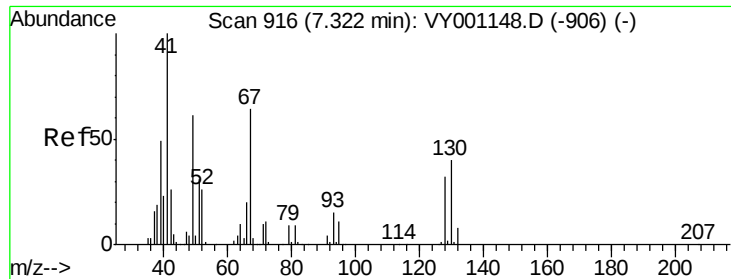
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#40
Benzene
Concen: 54.412 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





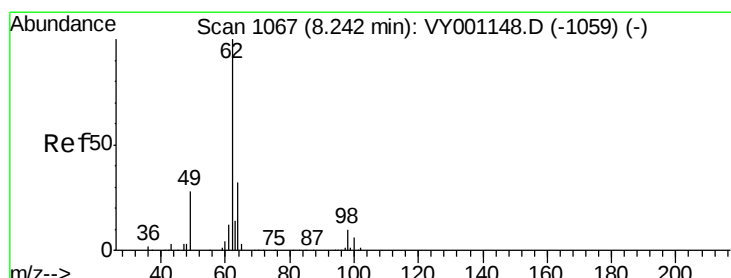
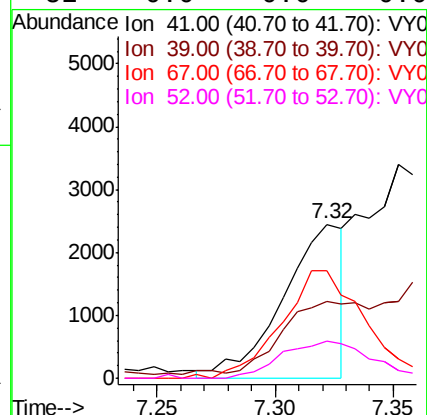
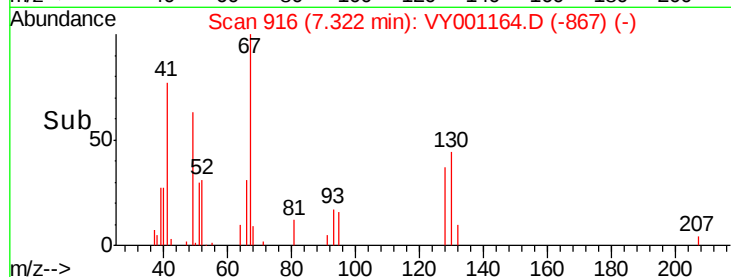
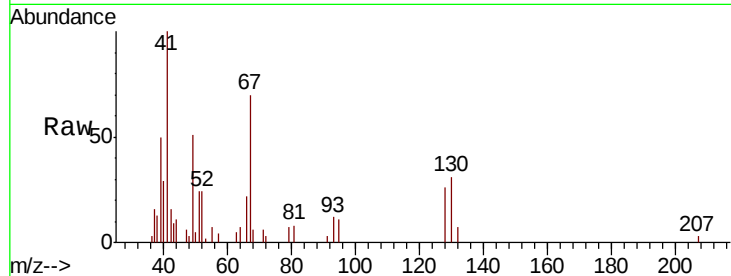
#41
Methacrylonitrile
Concen: 55.302 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	41	Resp:	4405
Ion	Ratio	Lower	Upper
41	100		
39	62.8	103.5	155.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

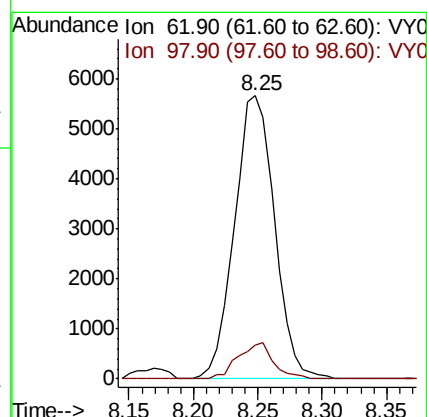
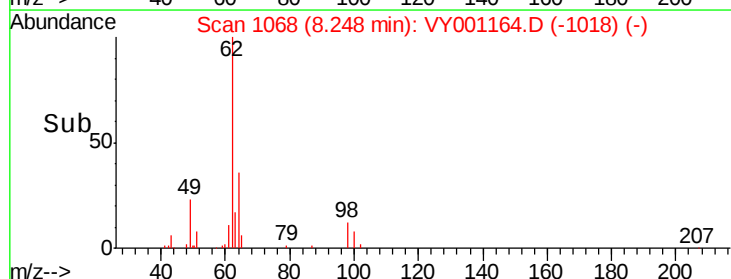
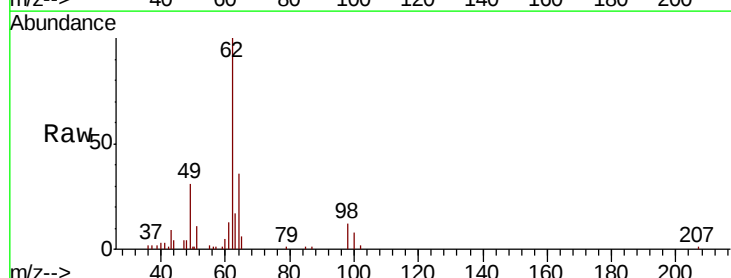
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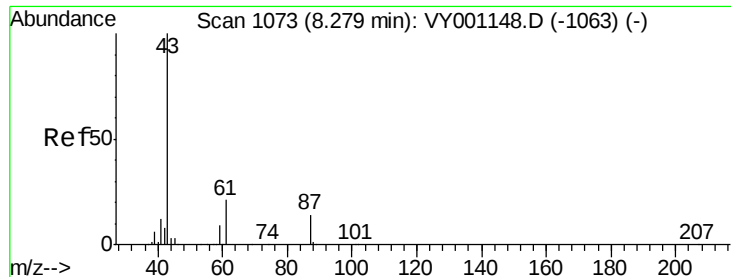
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#42
1,2-Dichloroethane
Concen: 51.887 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	62	Resp:	12254
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.4





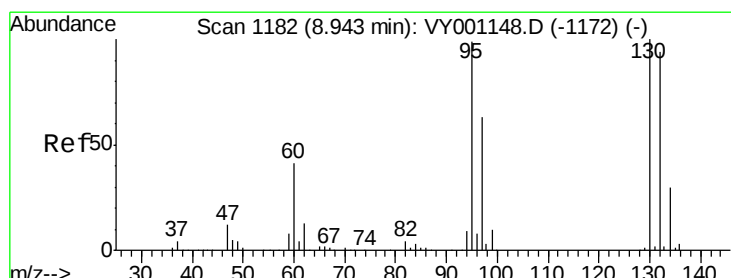
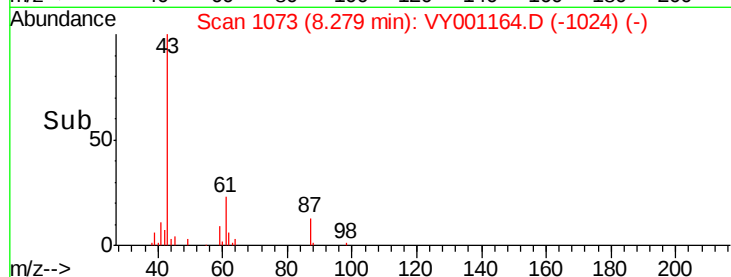
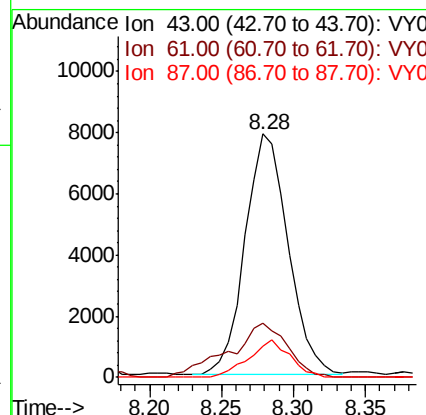
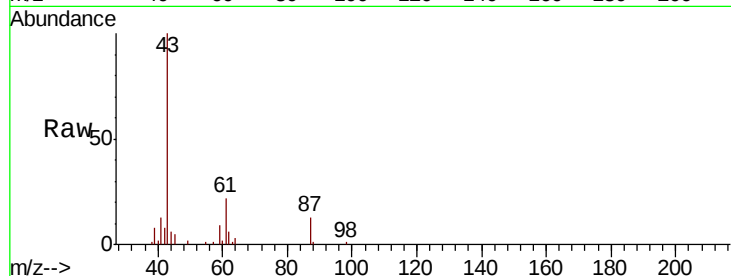
#43
Isopropyl Acetate
Concen: 50.455 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.9	35.9
87	14.8	11.4	17.2

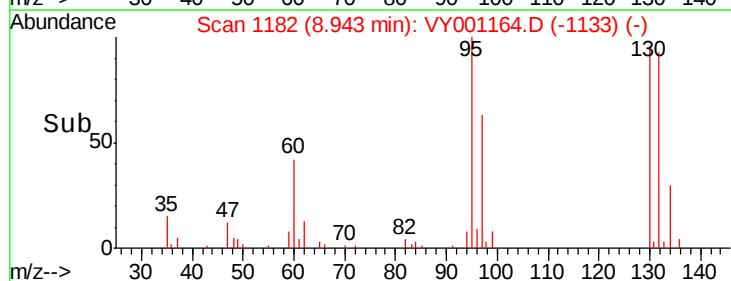
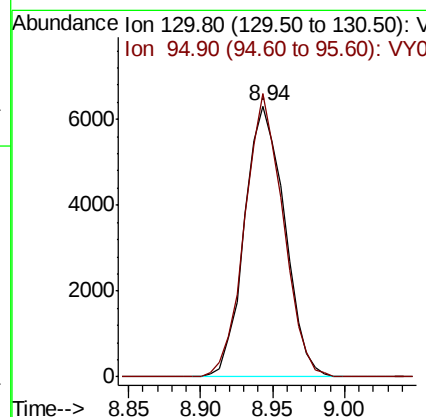
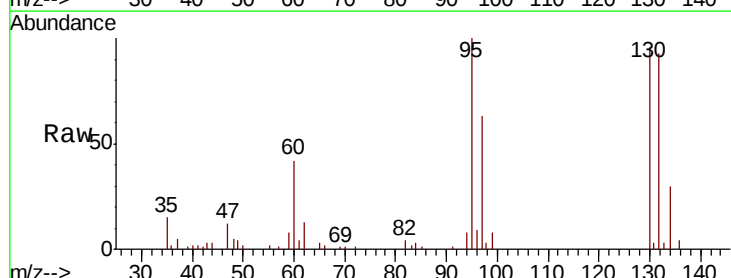
Manual Integrations
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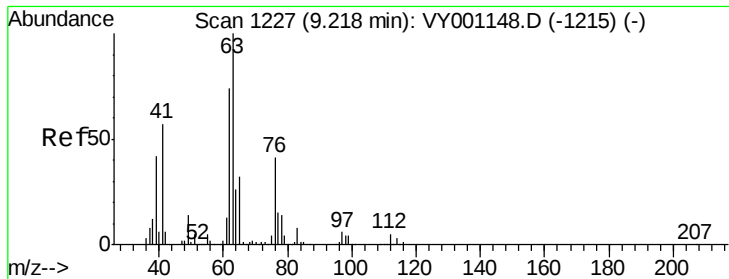
MMDadoda
1/15/2020 6:07:05 PM



#44
Trichloroethene
Concen: 55.444 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	197.6





#45

1,2-Dichloropropane

Concen: 54.108 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 63 Resp: 11282

Ion Ratio Lower Upper

63 100

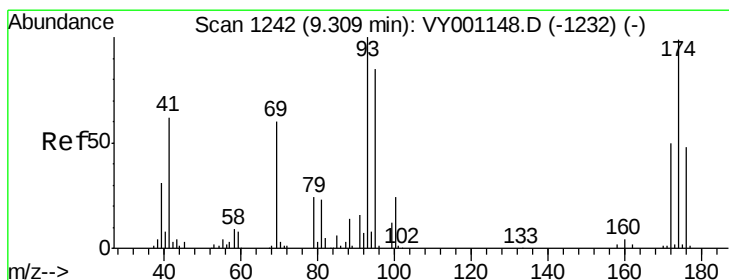
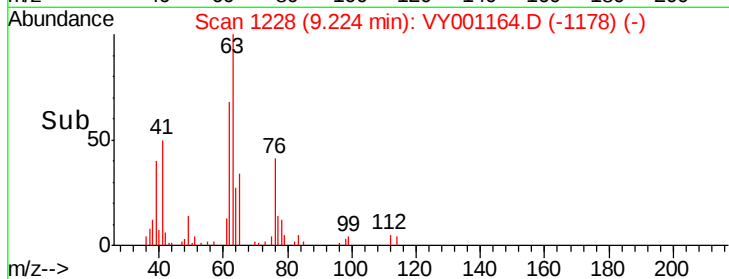
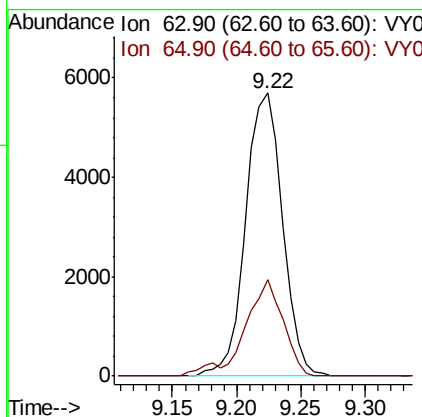
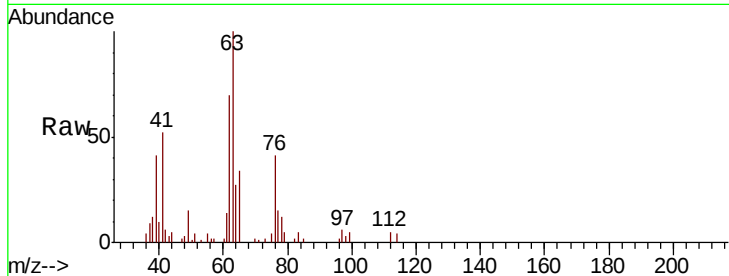
65 34.3 25.8 38.8

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#46

Dibromomethane

Concen: 56.255 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

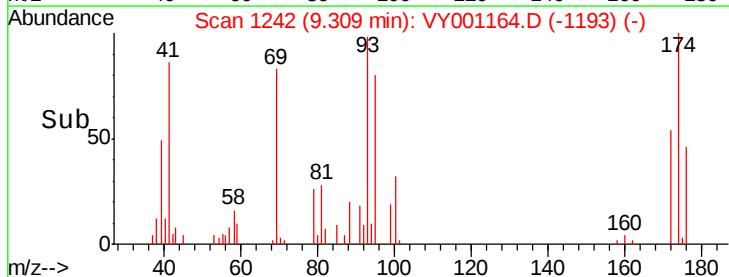
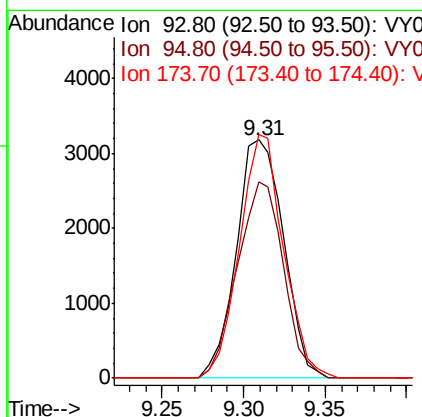
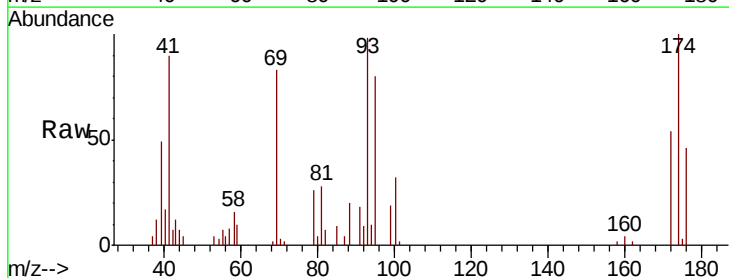
Tgt Ion: 93 Resp: 6400

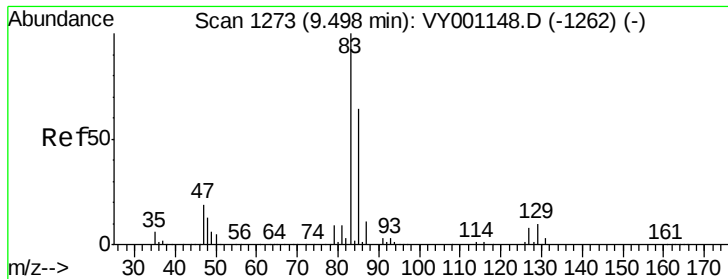
Ion Ratio Lower Upper

93 100

95 80.8 66.8 100.2

174 95.6 78.4 117.6





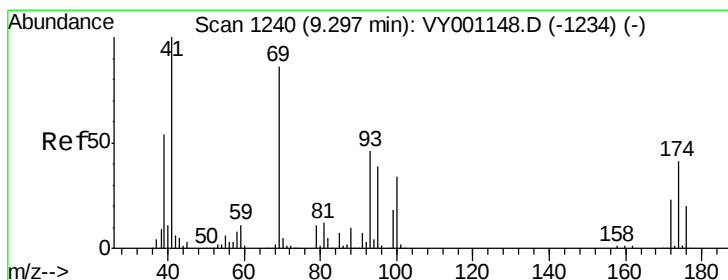
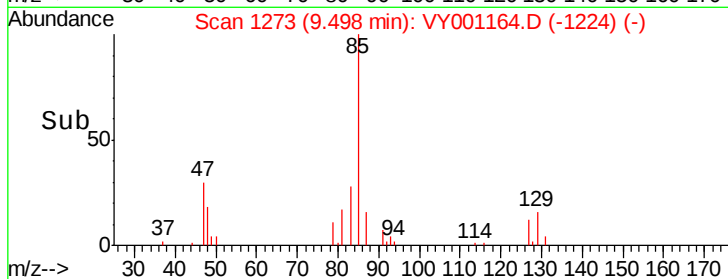
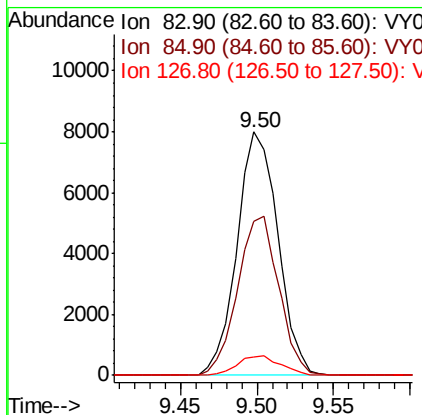
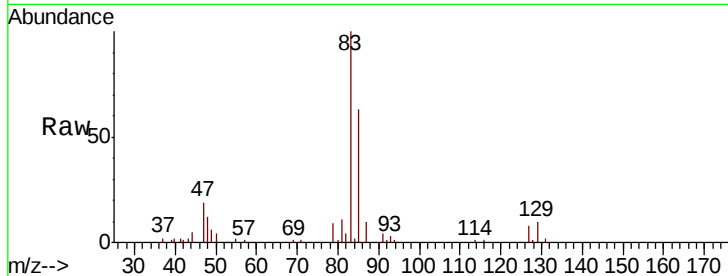
#47
Bromodichloromethane
Concen: 53.538 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.5	77.3
127	7.6	6.3	9.5

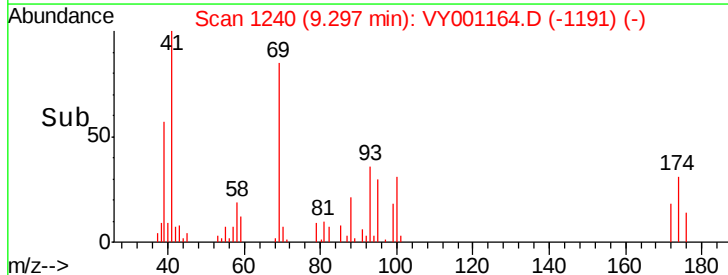
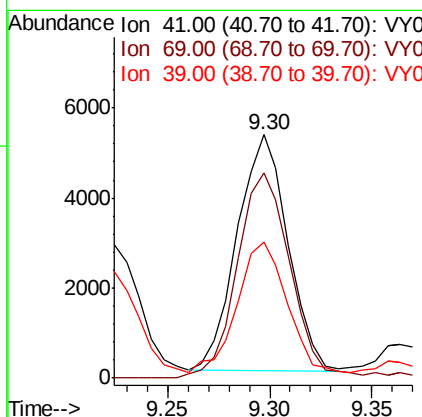
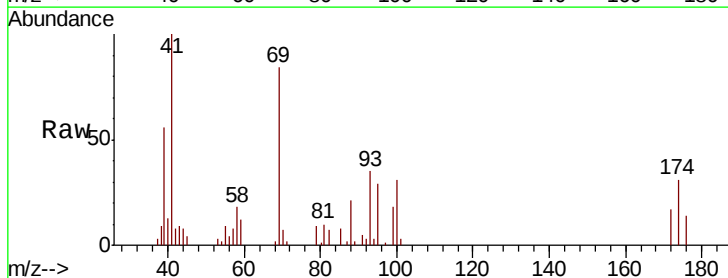
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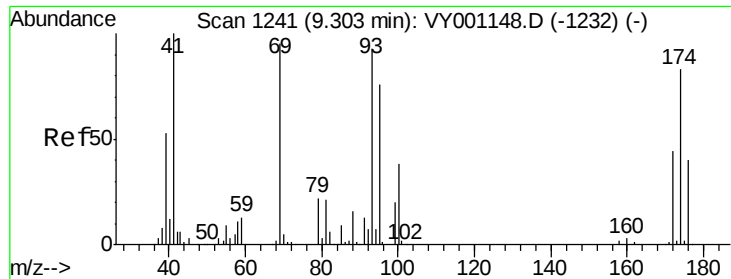
MMDadoda
1/15/2020 6:07:05 PM



#48
Methyl methacrylate
Concen: 60.520 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.3	69.8	104.8
39	57.2	45.2	67.8





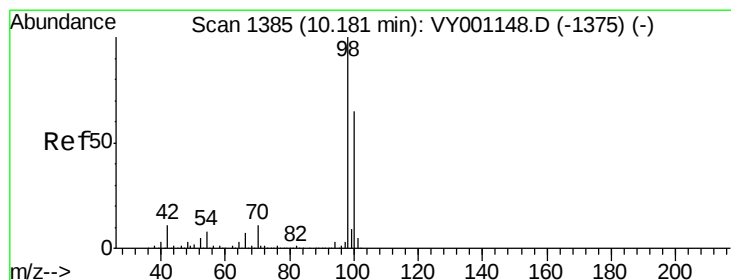
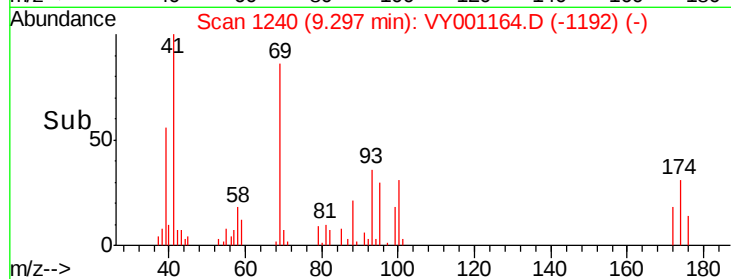
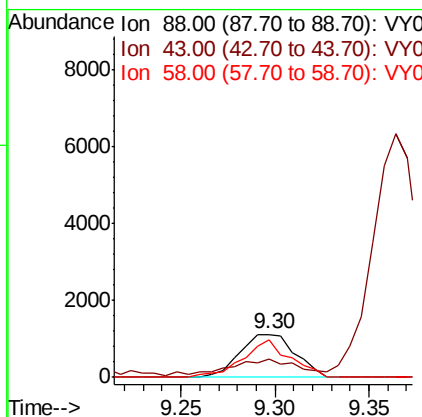
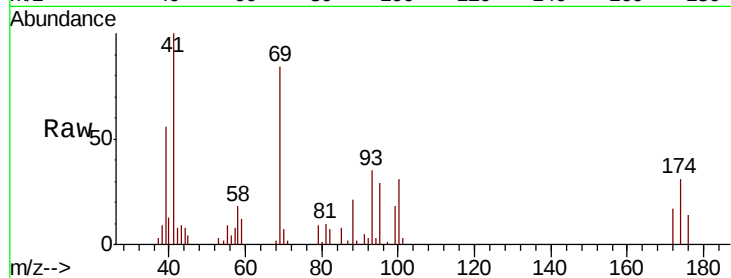
#49
1,4-Dioxane
Concen: 1642.754 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.1	22.4	33.6#
58	74.1	58.0	87.0

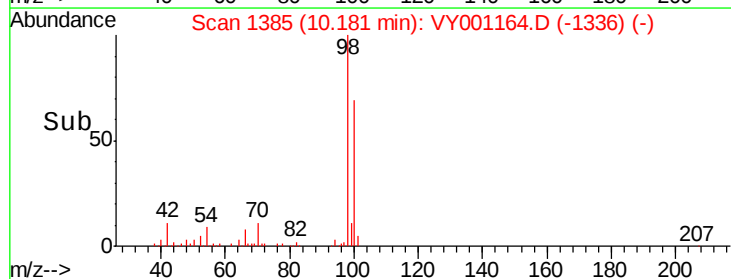
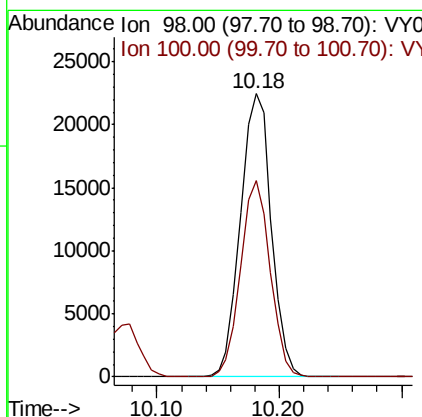
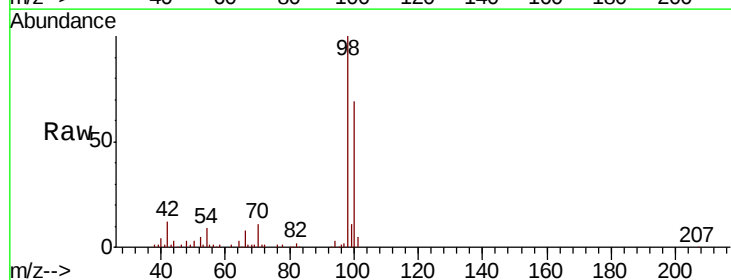
Manual Integrations
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#50
Toluene-d8
Concen: 55.027 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 279.388 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 43 Resp: 45967

Ion Ratio Lower Upper

43 100

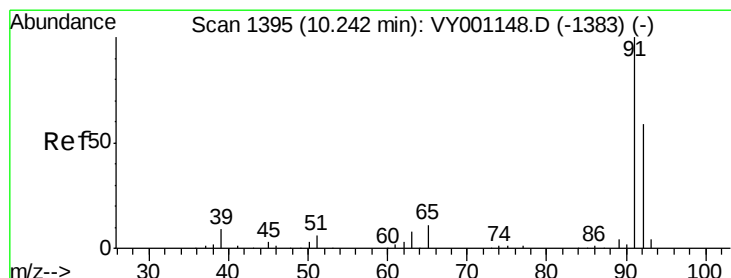
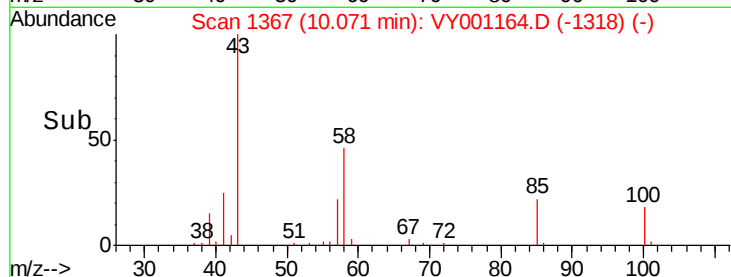
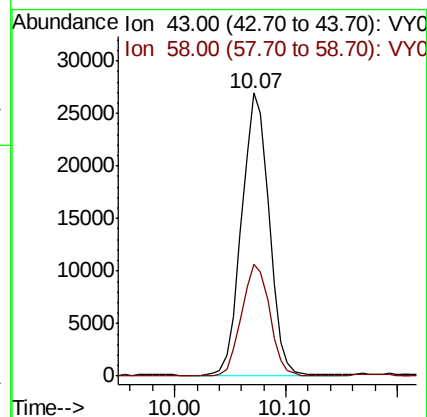
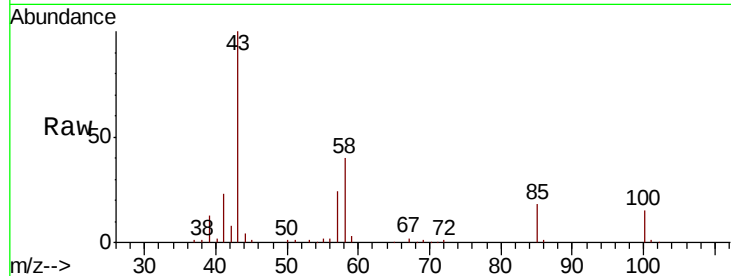
58 40.6 32.3 48.5

Manual Integrations

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#52

Toluene

Concen: 52.711 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001164.D

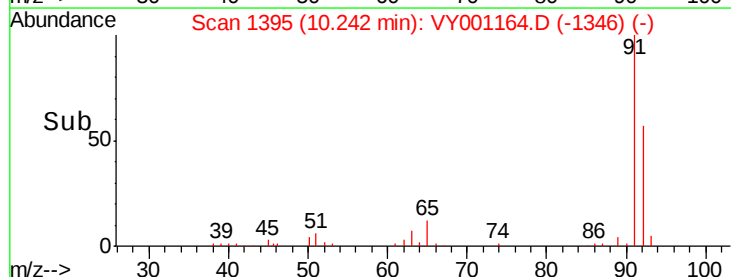
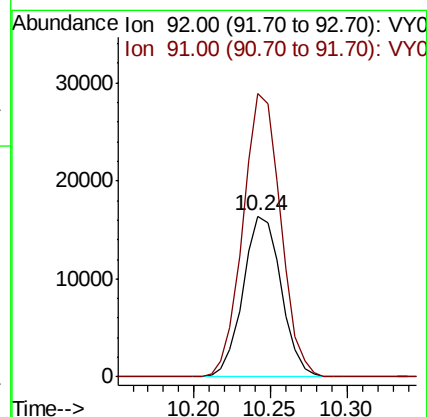
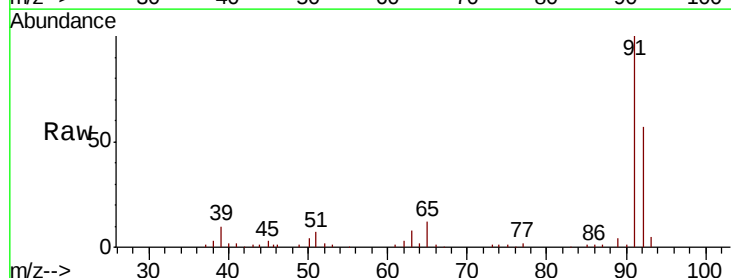
Acq: 10 Jan 2020 21:46

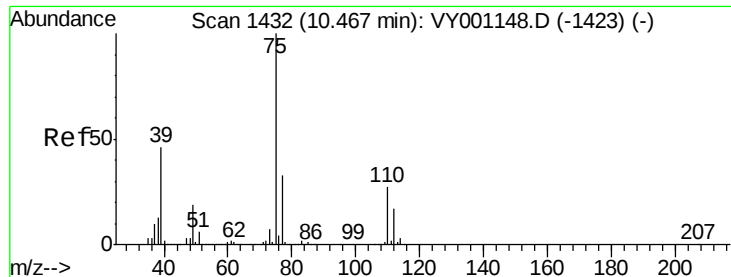
Tgt Ion: 92 Resp: 28355

Ion Ratio Lower Upper

92 100

91 174.8 136.6 204.8





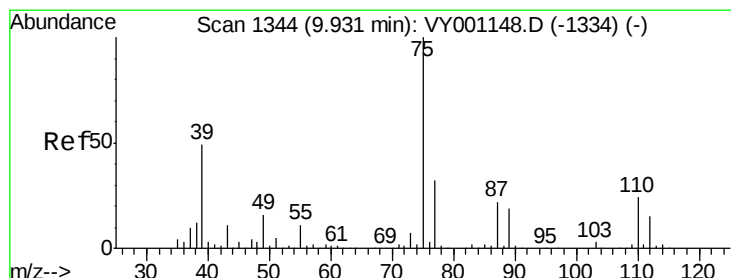
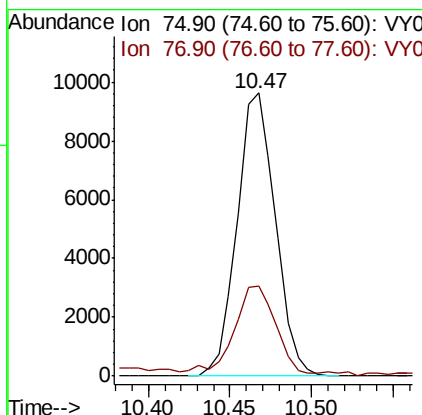
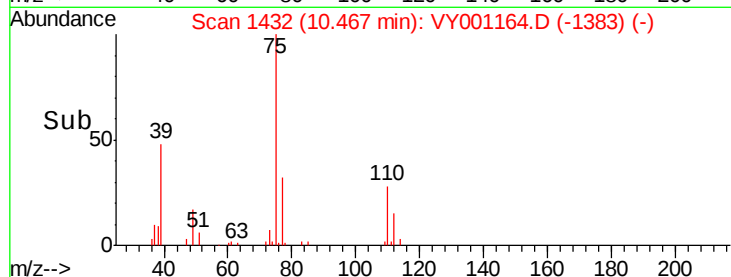
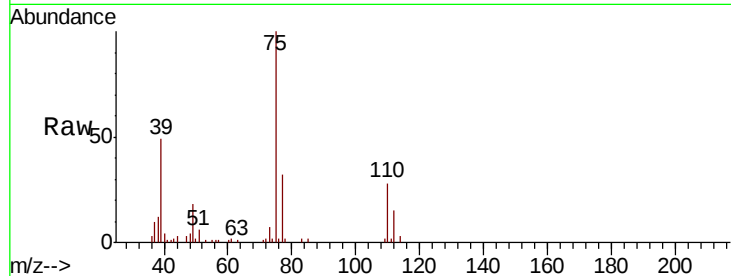
#53
 t-1,3-Dichloropropene
 Concen: 50.790 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion: 75 Resp: 15758
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.2 39.2

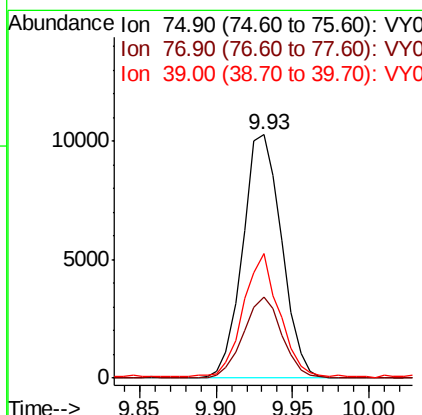
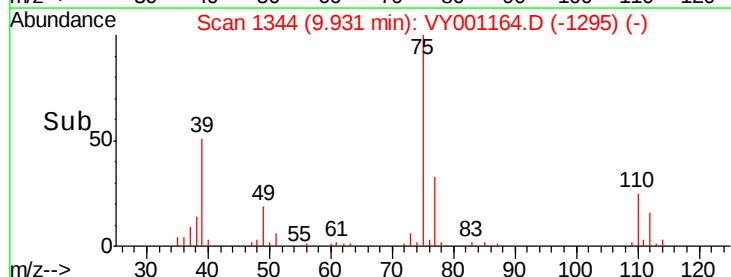
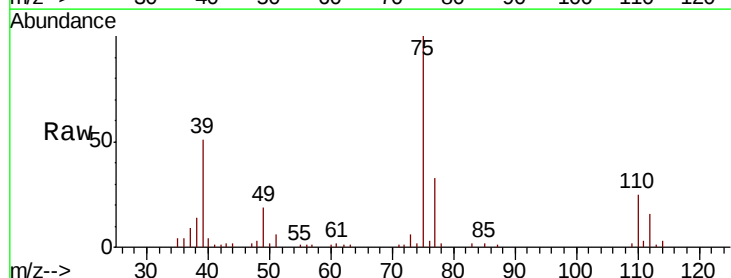
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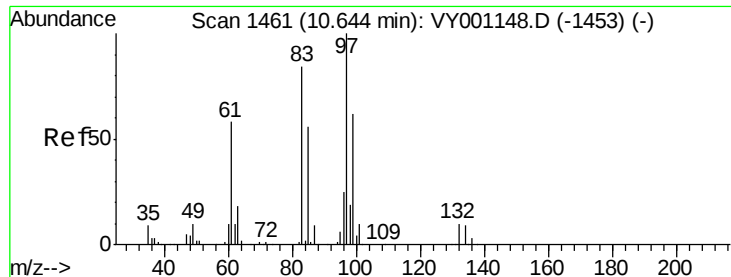
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#54
 cis-1,3-Dichloropropene
 Concen: 51.921 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion: 75 Resp: 18162
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.3 37.9
 39 50.7 39.1 58.7





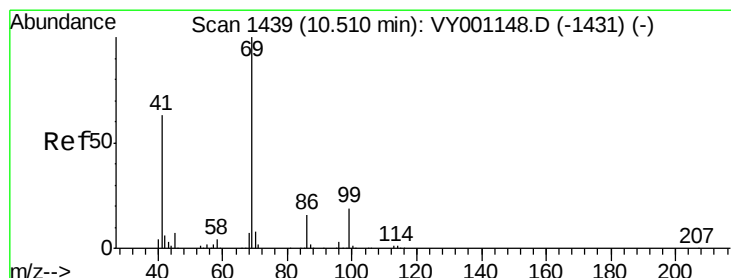
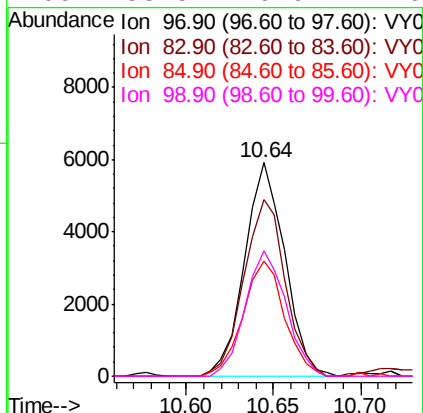
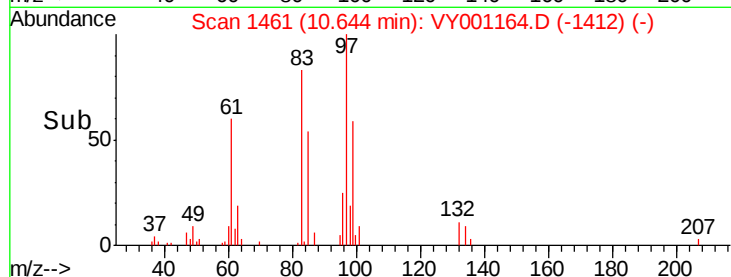
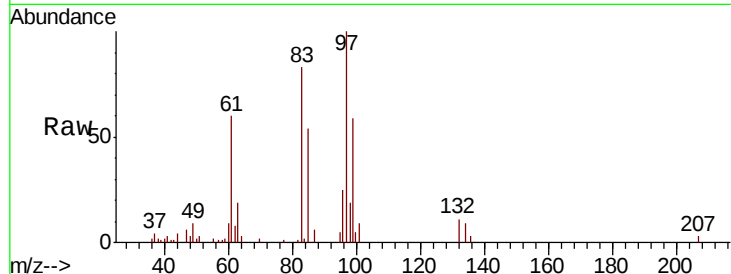
#55
 1,1,2-Trichloroethane
 Concen: 56.587 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion:	97	Resp:	9544
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.2	100.8
85	53.9	44.9	67.3
99	58.5	49.9	74.9

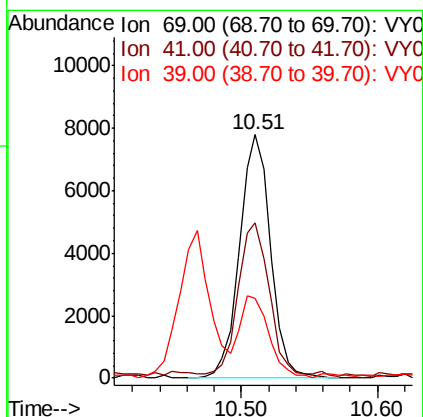
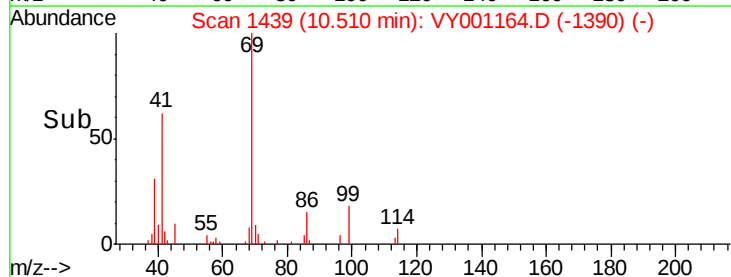
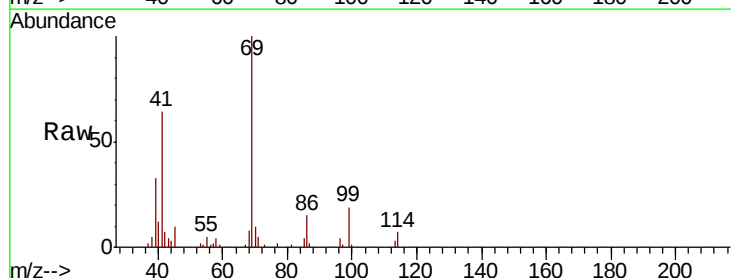
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#56
 Ethyl methacrylate
 Concen: 48.086 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion:	69	Resp:	12406
Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.4	77.2
39	31.6	26.3	39.5





#57

1,3-Dichloropropane

Concen: 55.273 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 76 Resp: 16004

Ion Ratio Lower Upper

76 100

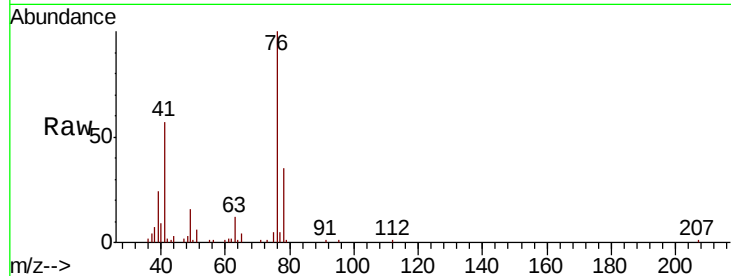
78 33.8 26.1 39.1

Manual Integrations

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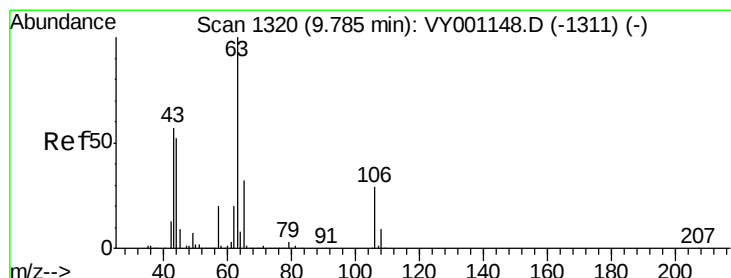
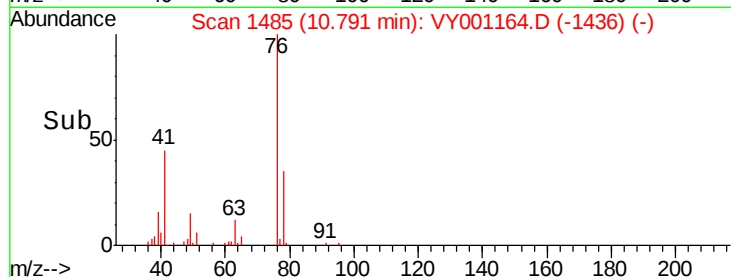
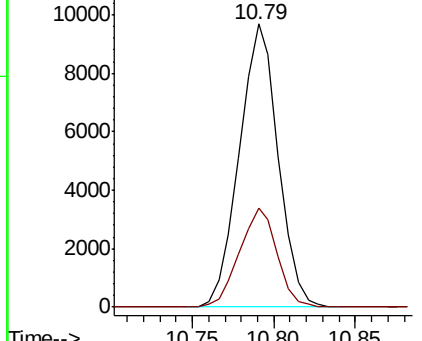
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 230.739 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001164.D

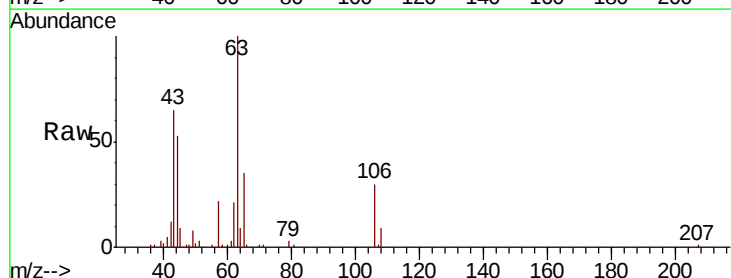
Acq: 10 Jan 2020 21:46

Tgt Ion: 63 Resp: 20937

Ion Ratio Lower Upper

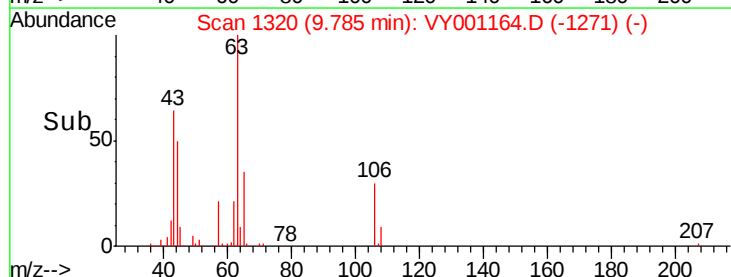
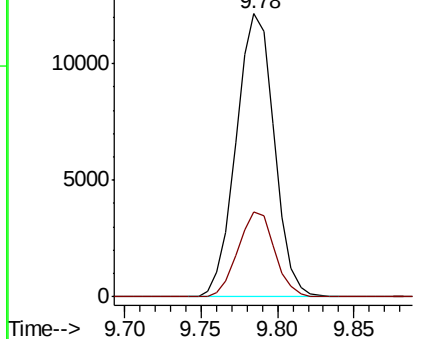
63 100

106 28.9 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





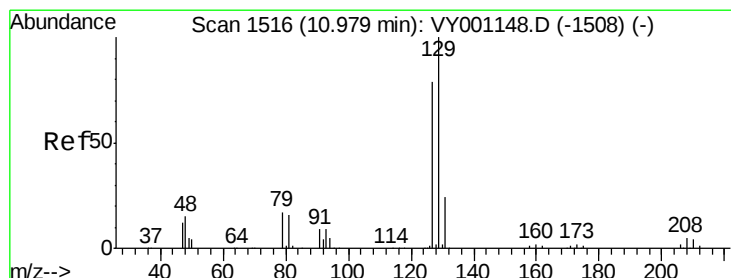
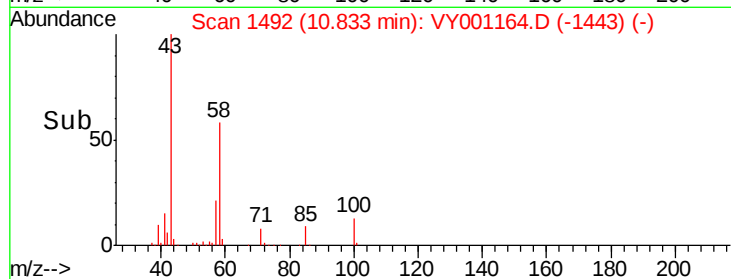
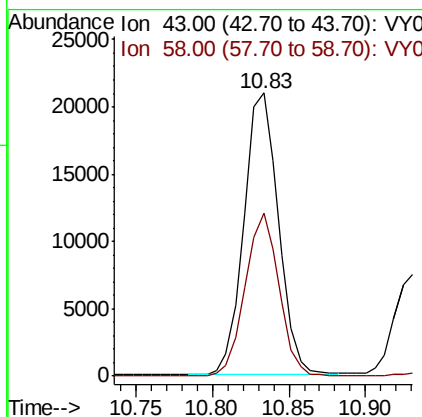
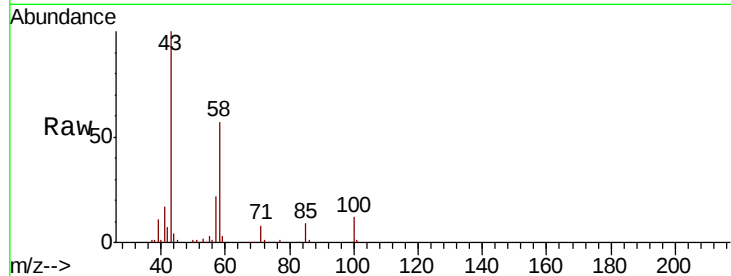
#59
2-Hexanone
Concen: 285.353 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	43	Resp	32903
Ion Ratio	100	Lower	Upper
43	100		
58	56.5	28.4	85.2

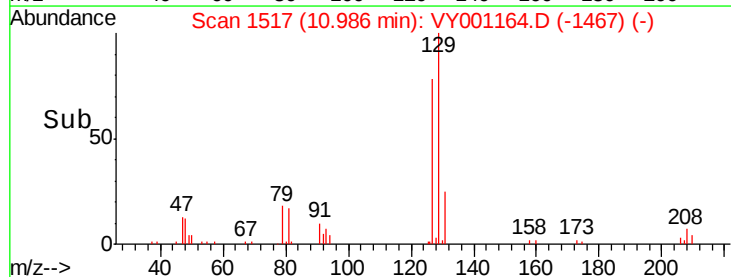
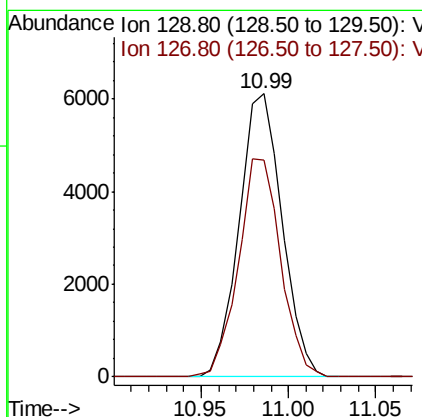
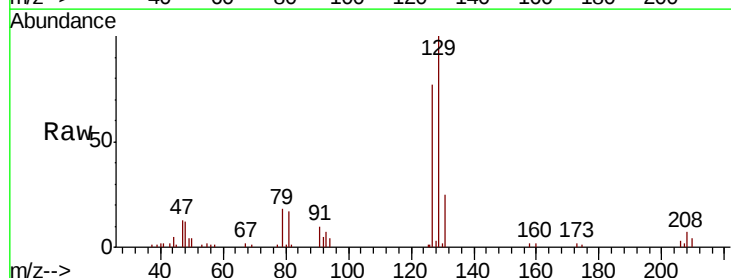
Manual Integrations
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#60
Dibromochloromethane
Concen: 53.778 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	129	Resp	10443
Ion Ratio	100	Lower	Upper
129	100		
127	75.7	38.9	116.7





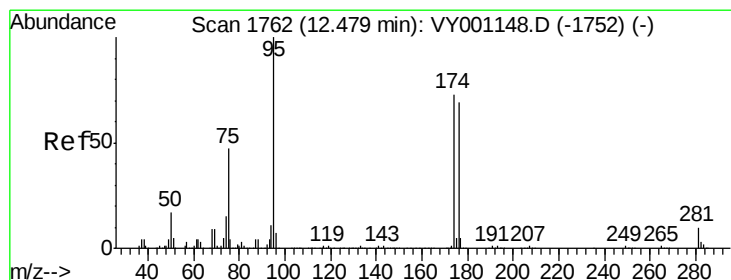
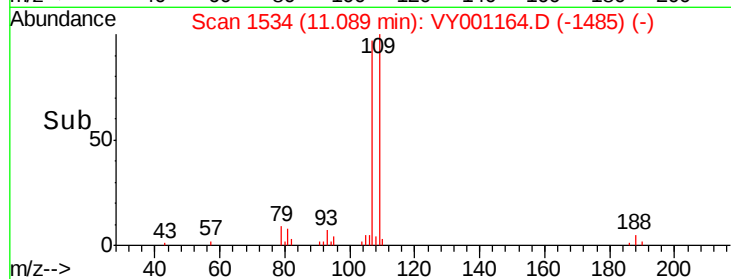
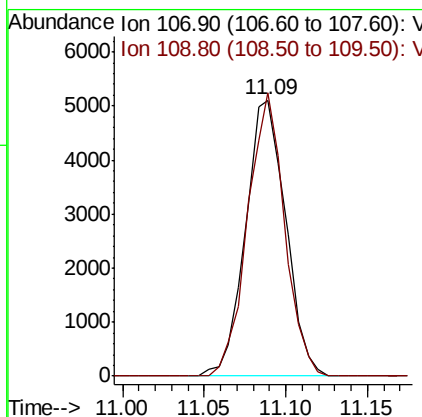
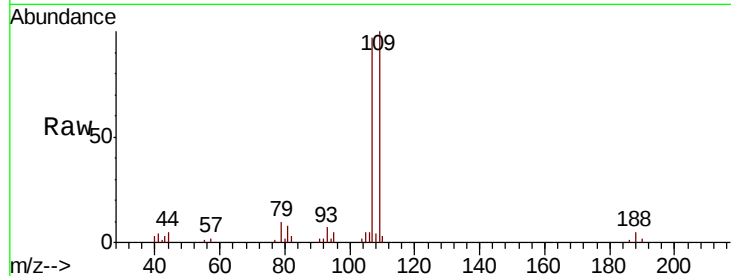
#61
 1,2-Dibromoethane
 Concen: 52.998 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.4	113.0

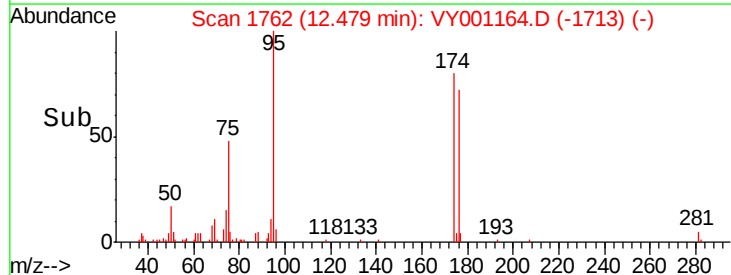
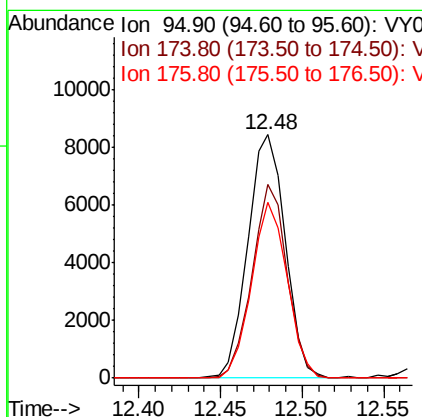
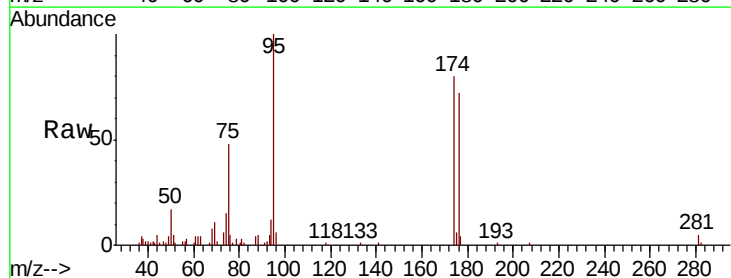
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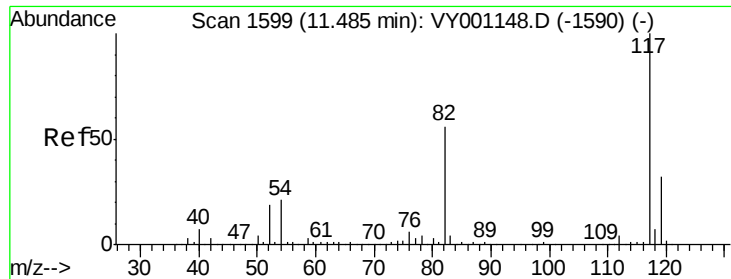
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 46.124 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	143.2
176	68.8	0.0	136.0





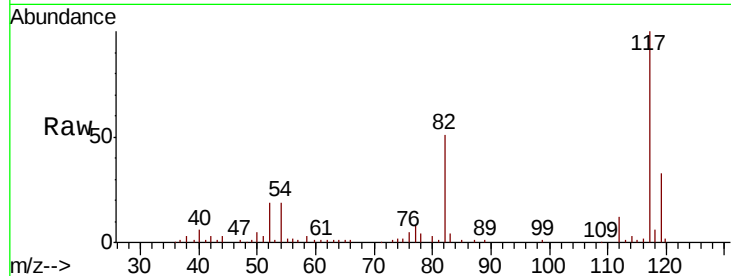
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	44.9	67.3
119	33.0	25.7	38.5

Manual Integrations
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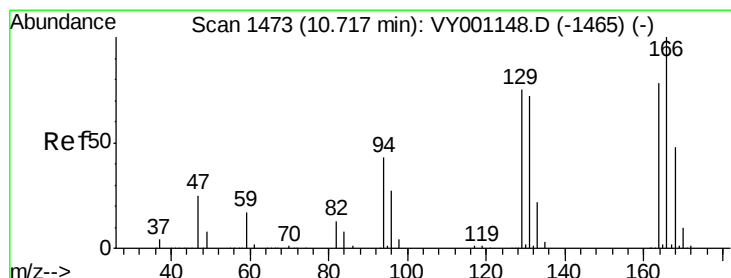
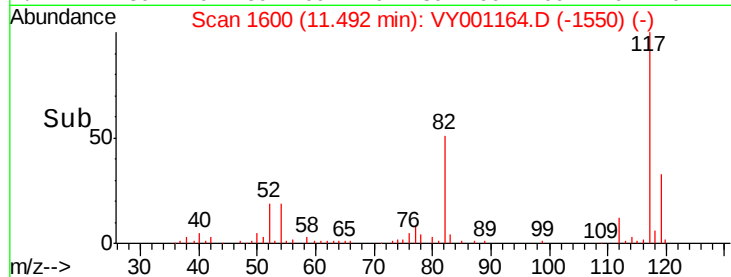
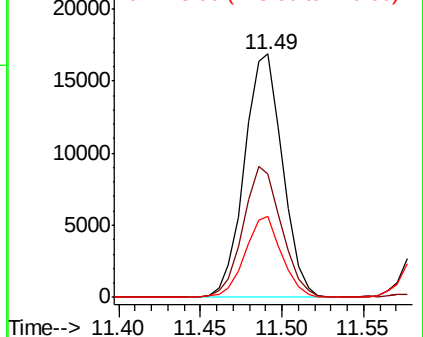


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 57.279 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.3	153.5
129	104.7	76.2	114.4
131	92.2	73.9	110.9

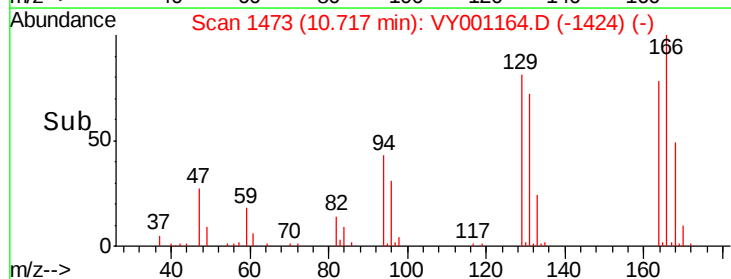
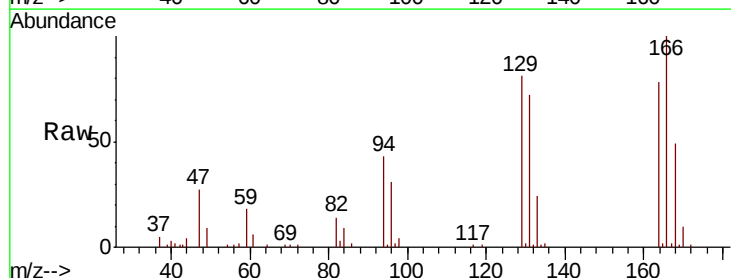
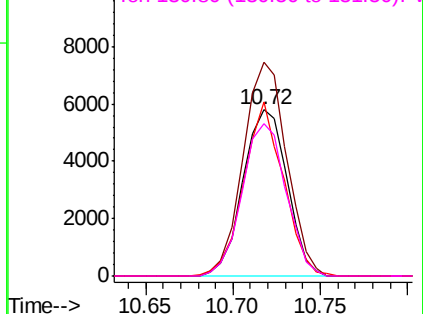
Abundance

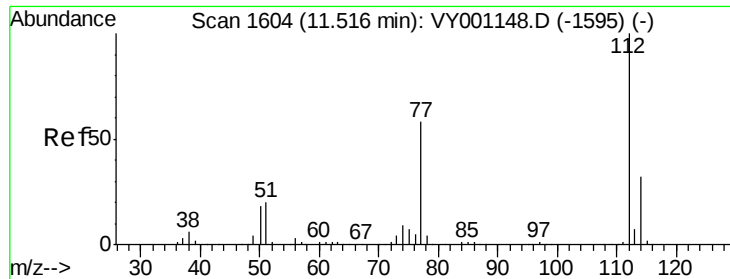
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 53.068 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:112 Resp: 29083

Ion Ratio Lower Upper

112 100

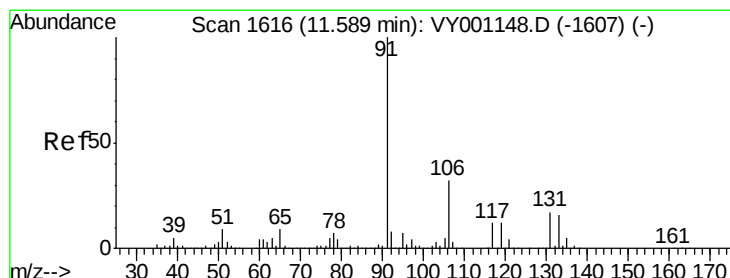
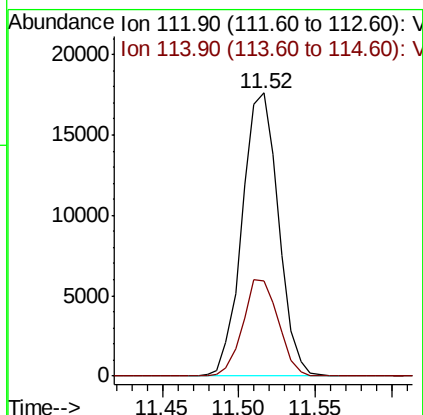
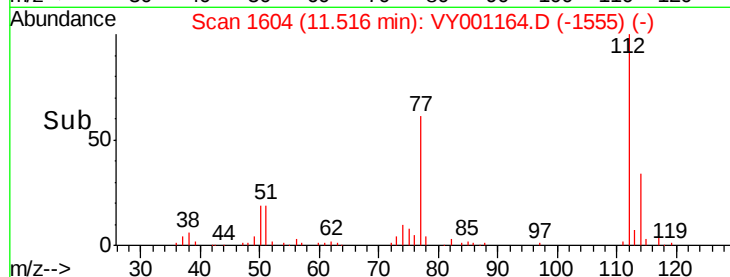
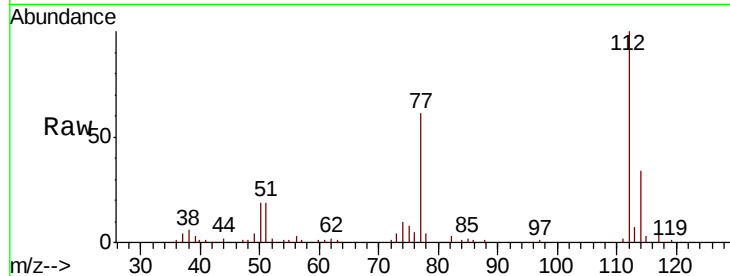
114 33.7 25.9 38.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 56.871 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

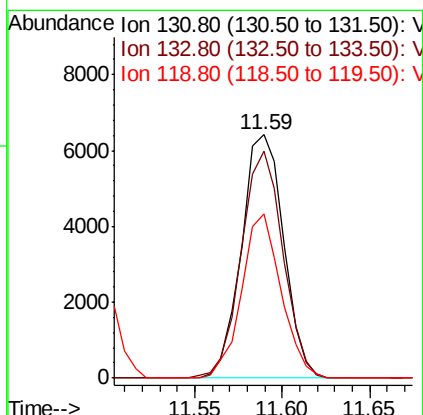
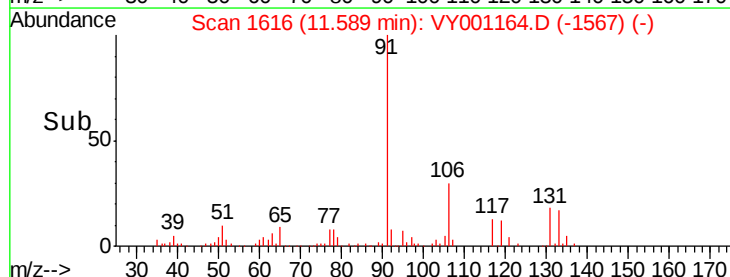
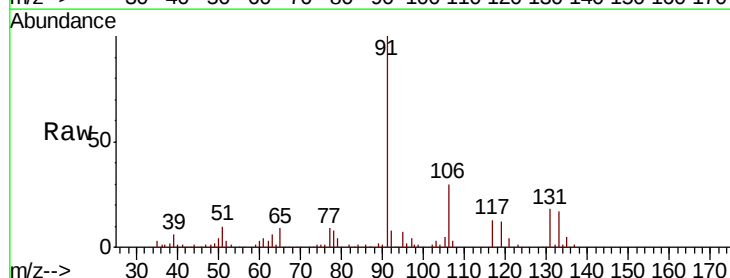
Tgt Ion:131 Resp: 10742

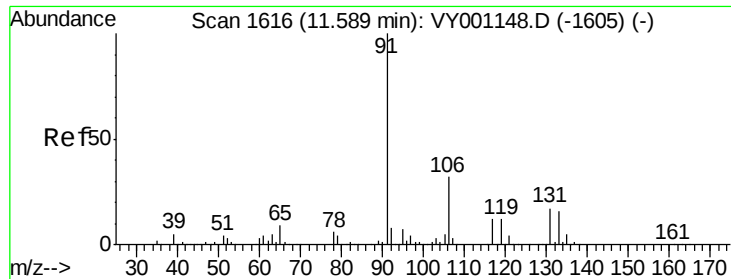
Ion Ratio Lower Upper

131 100

133 92.6 47.3 142.0

119 63.1 33.6 100.8





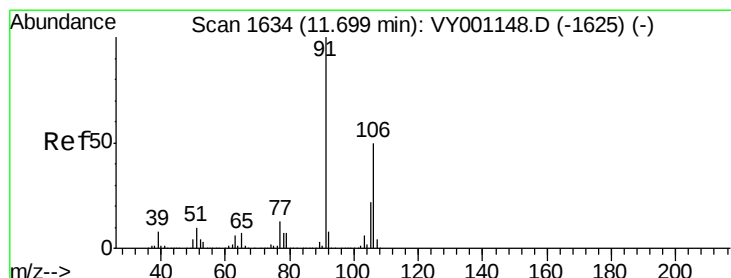
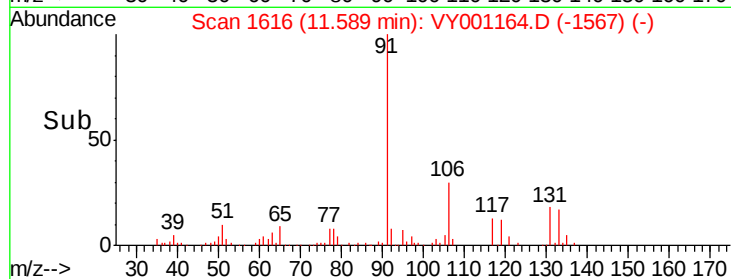
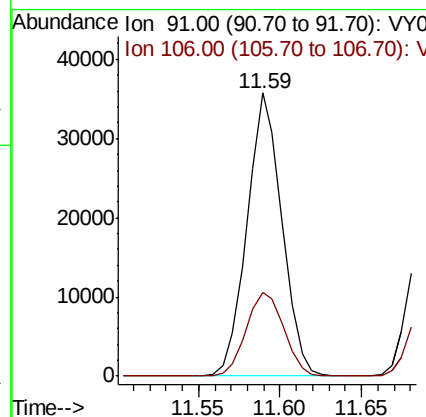
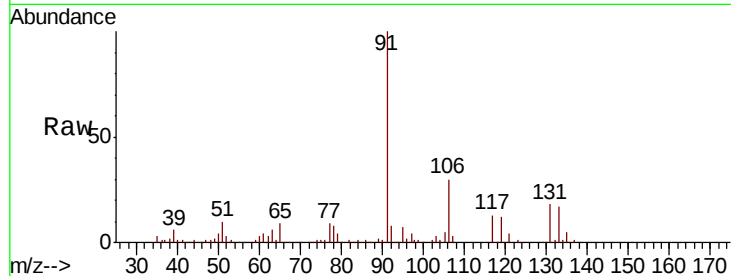
#67
Ethyl Benzene
Concen: 53.092 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.3	37.9

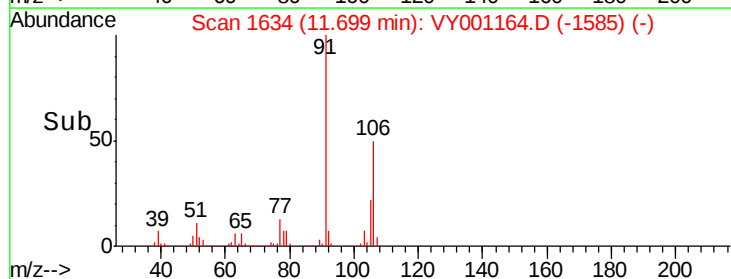
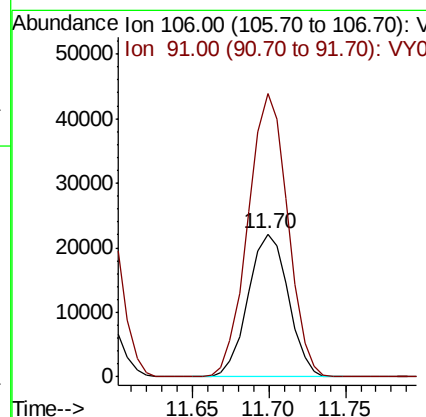
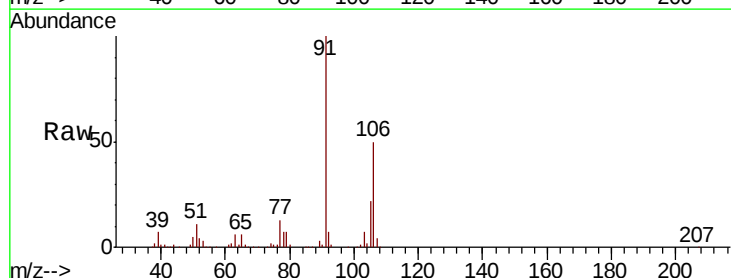
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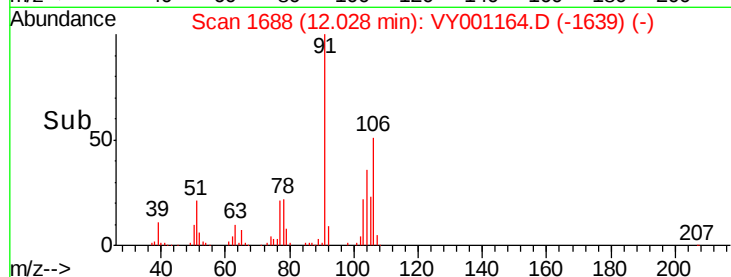
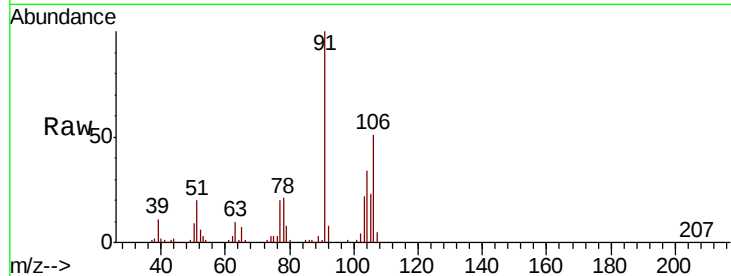
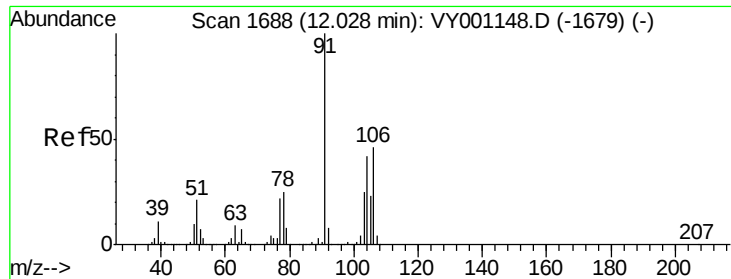
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#68
m/p-Xylenes
Concen: 107.077 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.5	161.4	242.2





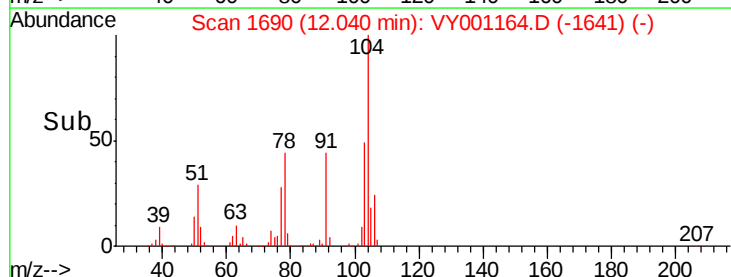
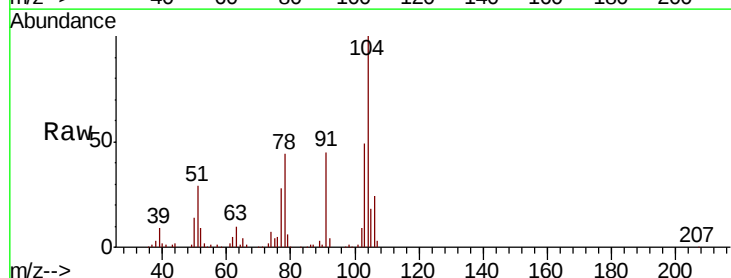
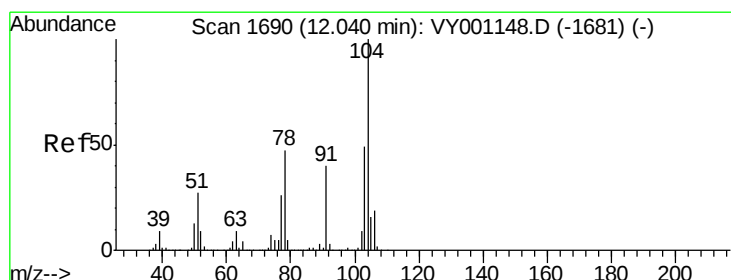
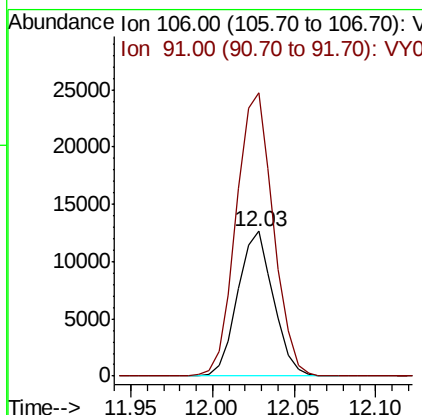
#69
o-Xylene
Concen: 53.131 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tot Ion:106 Resp: 19265
Ion Ratio Lower Upper
106 100
91 203.3 106.3 318.8

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

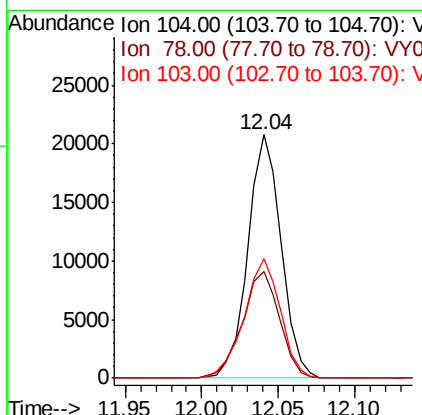
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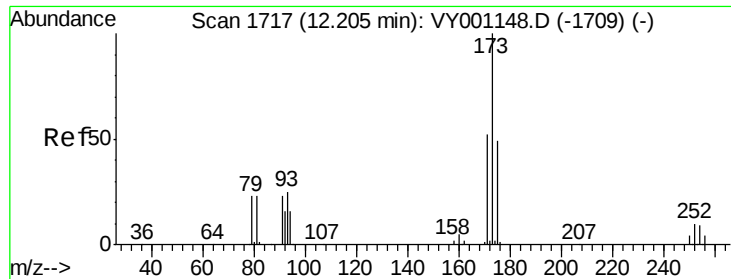
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#70
Styrene
Concen: 49.421 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion:104 Resp: 31442
Ion Ratio Lower Upper
104 100
78 48.9 40.5 60.7
103 53.4 42.4 63.6





#71

Bromoform

Concen: 52.891 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

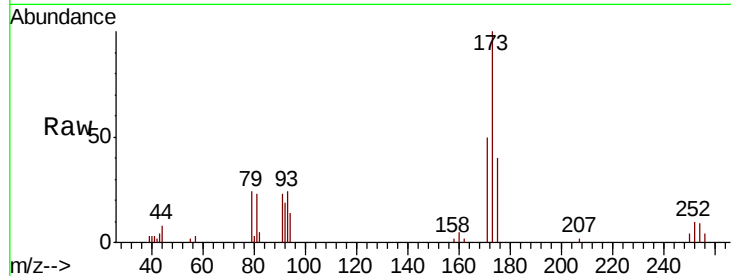
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.2
254	0.0	0.1	0.1#

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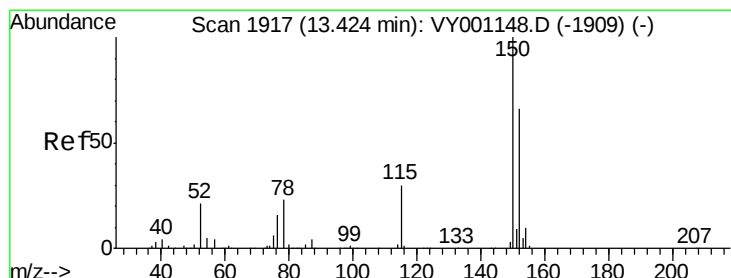
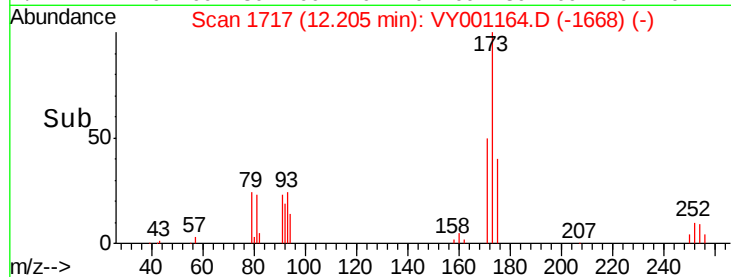
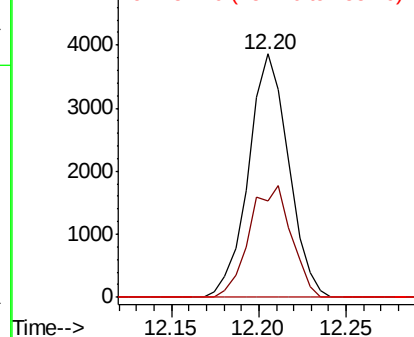


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

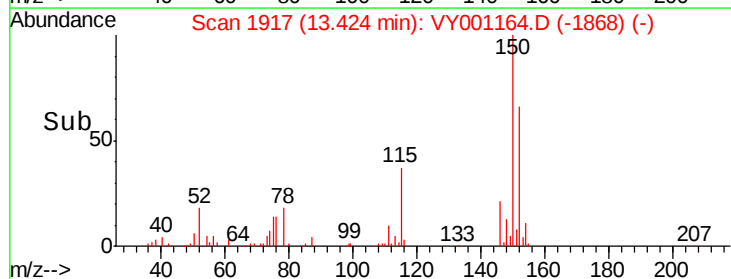
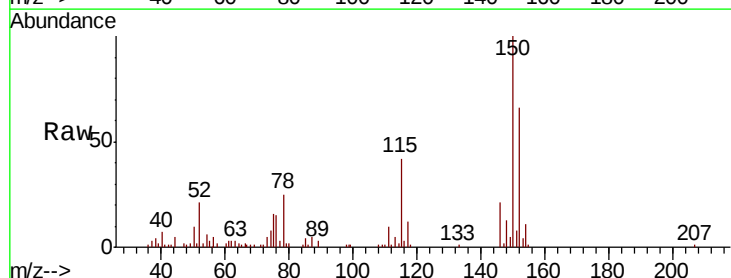
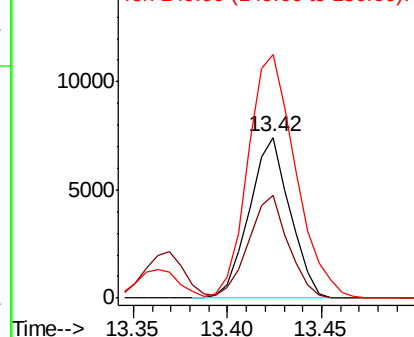
Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.9	92.5
150	176.6	0.0	346.8

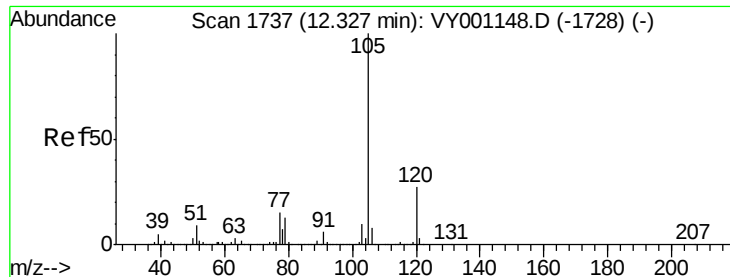
Abundance

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: 61.209 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 105 Resp: 51266

Ion Ratio Lower Upper

105 100

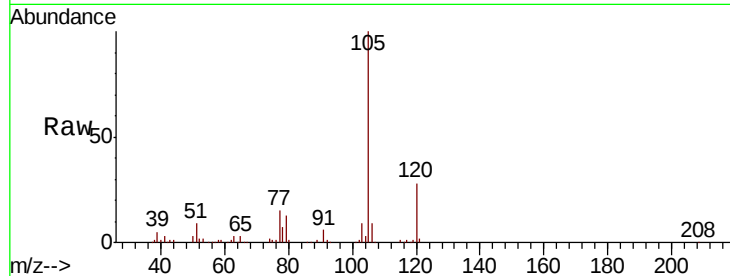
120 27.5 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

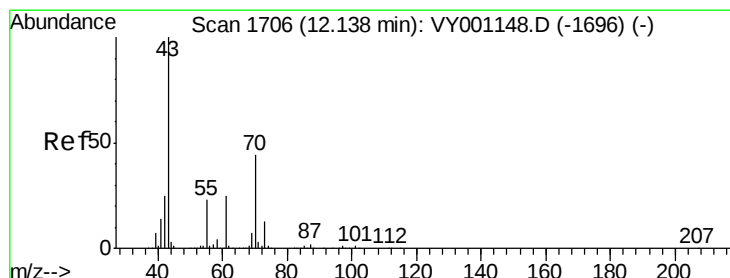
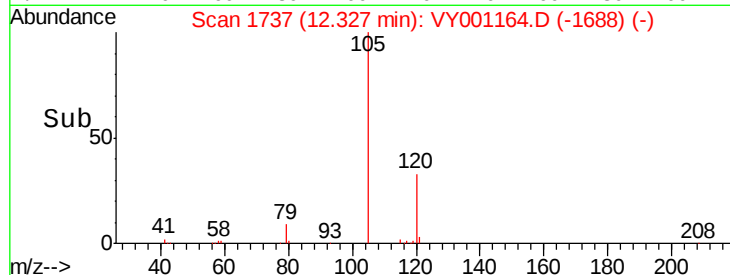
30000

20000

10000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 38.736 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Tgt Ion: 43 Resp: 10125

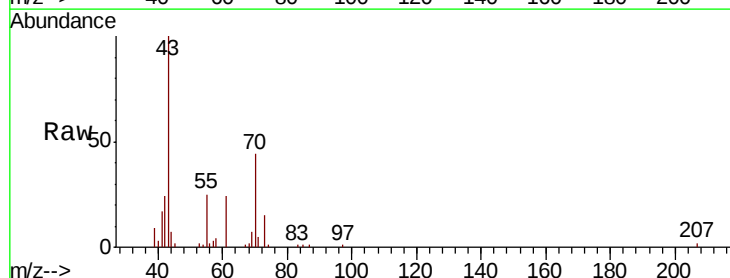
Ion Ratio Lower Upper

43 100

70 43.4 35.0 52.6

55 22.8 18.4 27.6

61 25.7 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

10000

8000

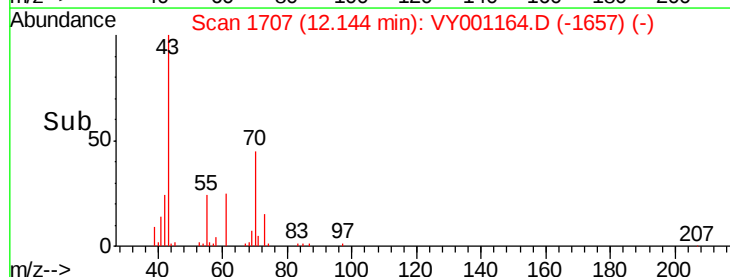
6000

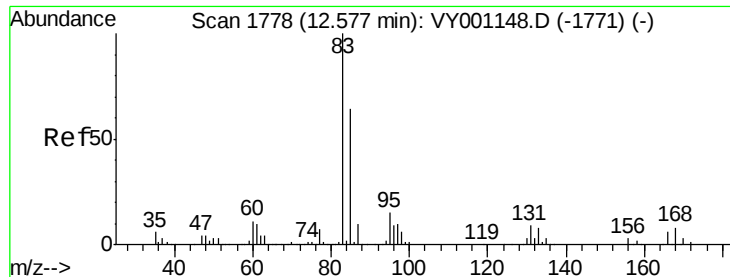
4000

2000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 67.355 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

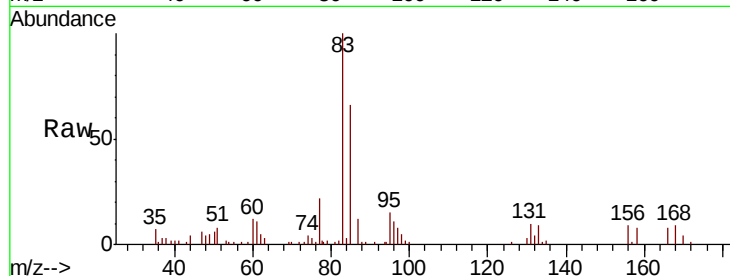
ClientSampleId :

CIY1-SB-04-0-2MS

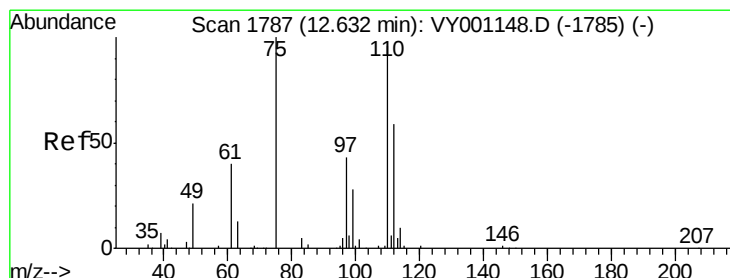
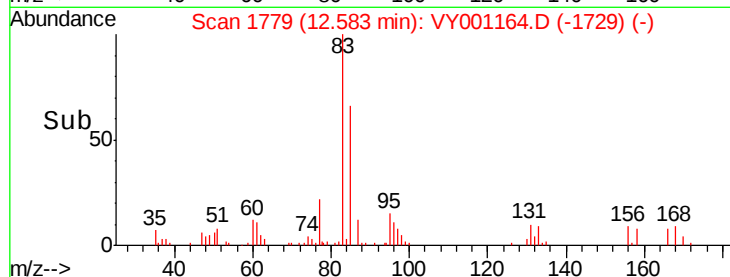
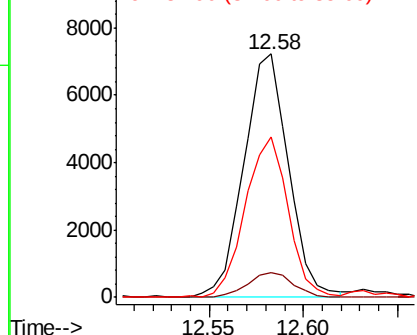
Tot Ion:	83	Resp:	11869
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	63.5	32.2	96.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 61.116 ug/l m

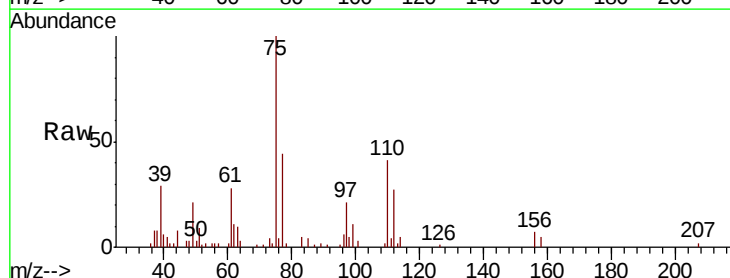
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

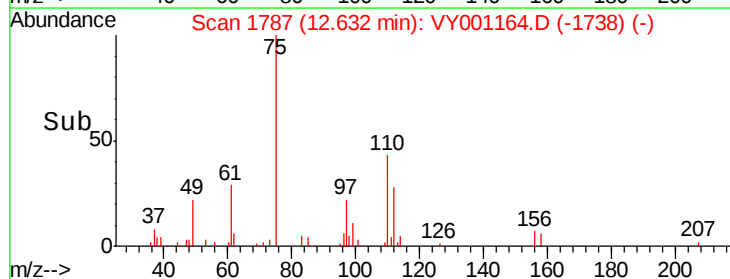
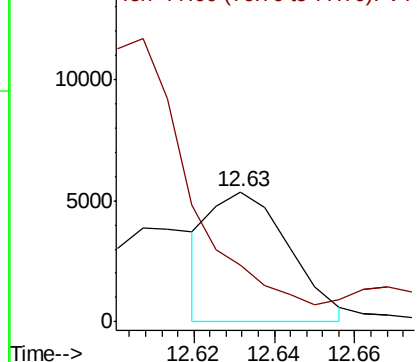
Lab File: VY001164.D

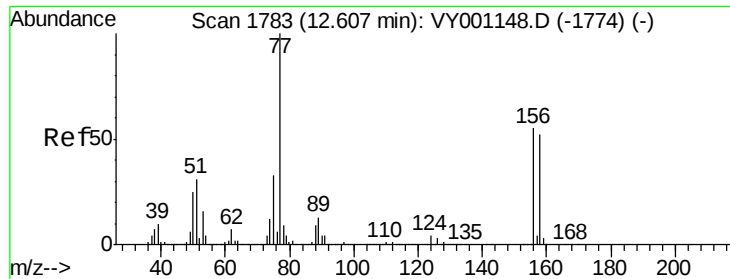
Acq: 10 Jan 2020 21:46

Tgt Ion:	75	Resp:	7289
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 60.837 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:156 Resp: 11259

Ion Ratio Lower Upper

156 100

77 196.4 106.7 320.1

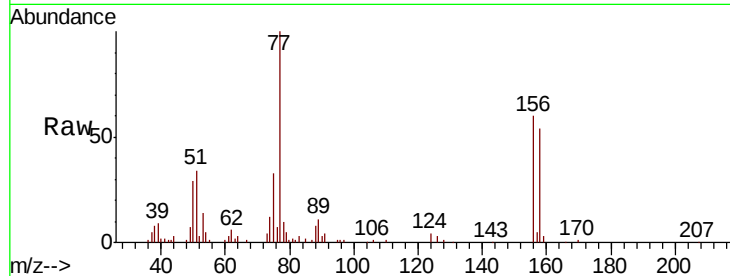
158 93.4 48.3 144.8

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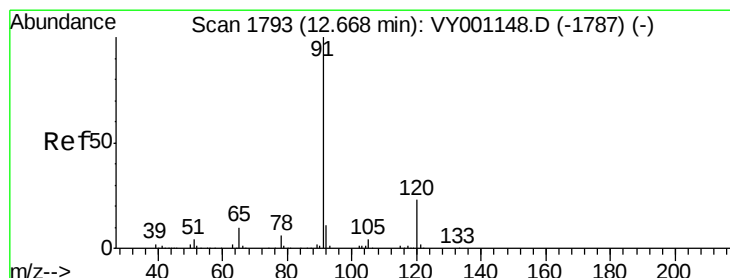
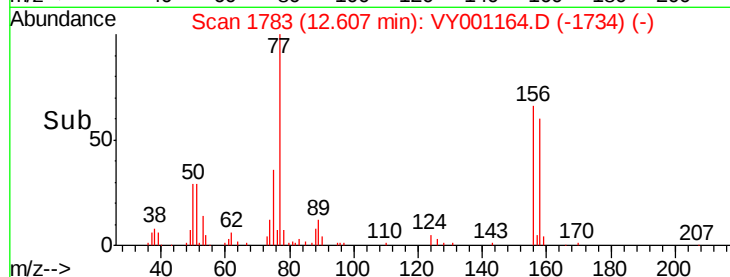
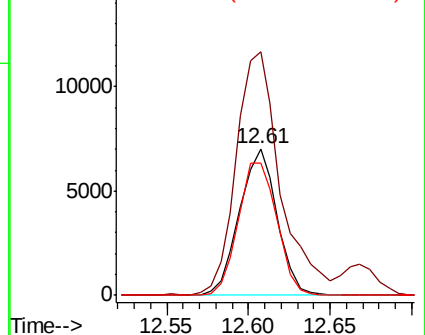
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 58.584 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001164.D

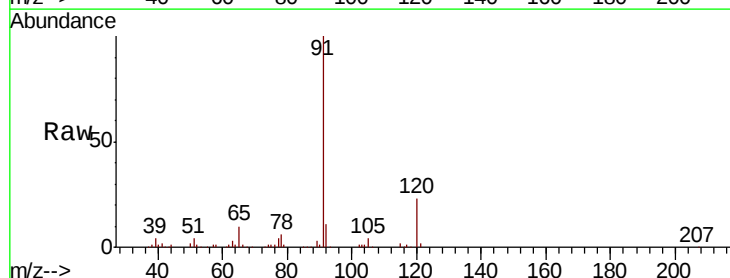
Acq: 10 Jan 2020 21:46

Tgt Ion: 91 Resp: 59020

Ion Ratio Lower Upper

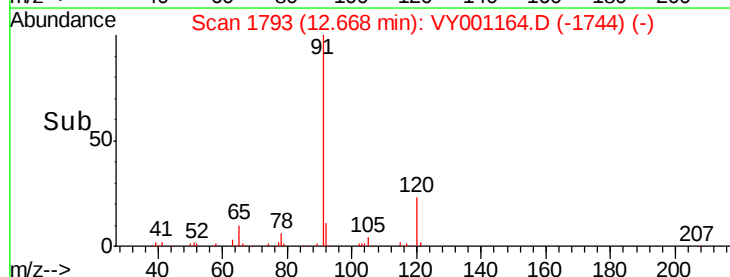
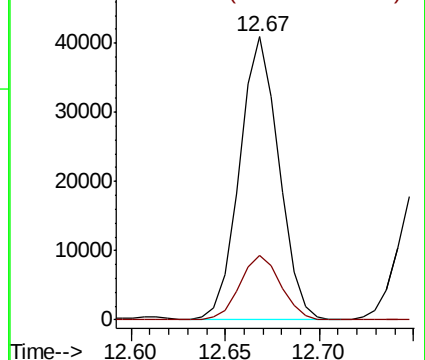
91 100

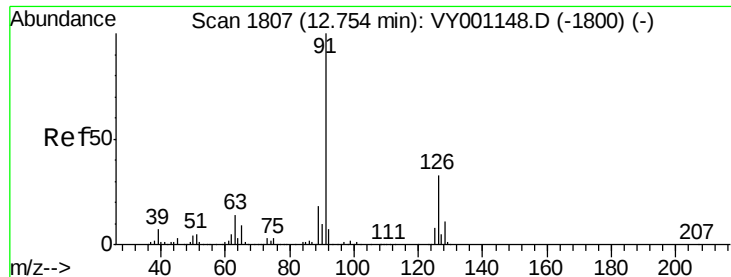
120 23.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.771 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 91 Resp: 32268

Ion Ratio Lower Upper

91 100

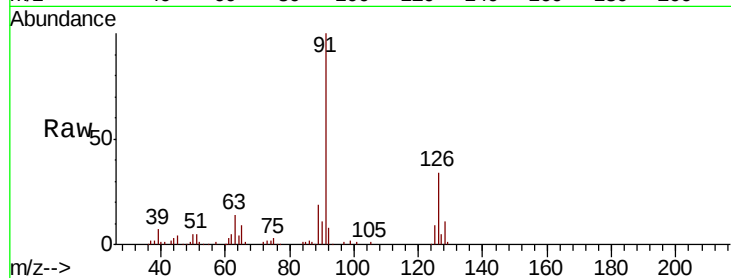
126 33.6 16.4 49.4

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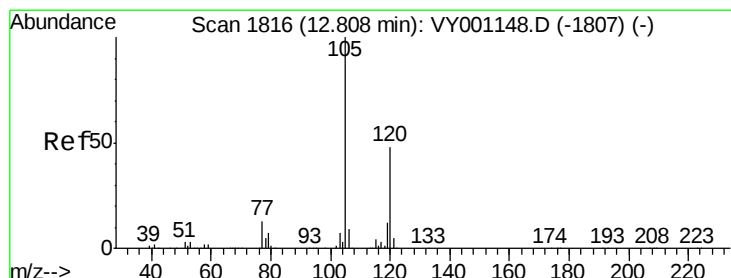
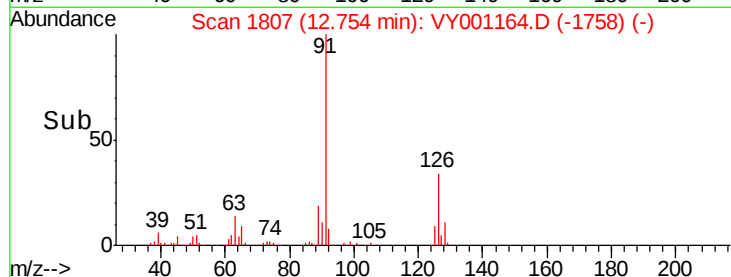
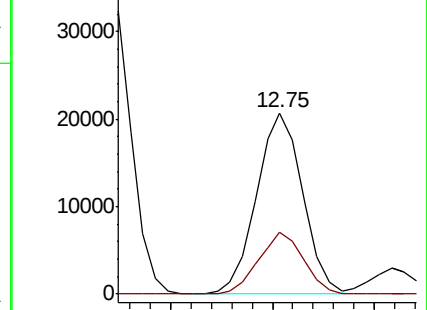
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Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001148.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.177 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001164.D

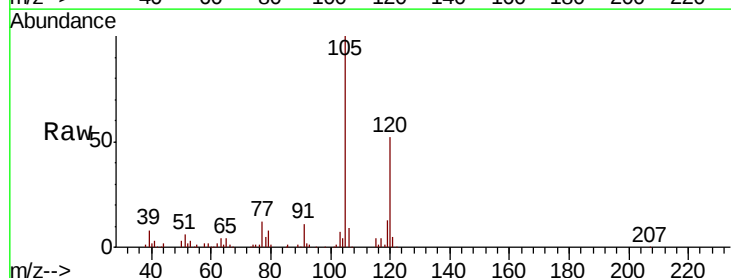
Acq: 10 Jan 2020 21:46

Tgt Ion: 105 Resp: 40656

Ion Ratio Lower Upper

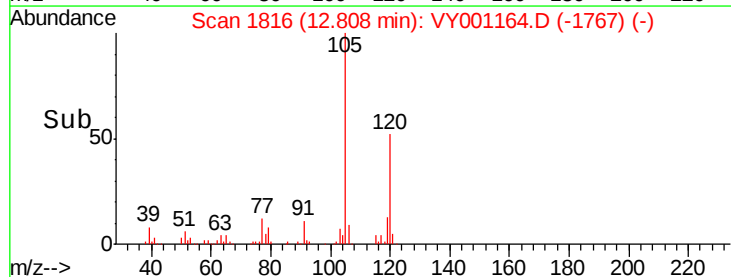
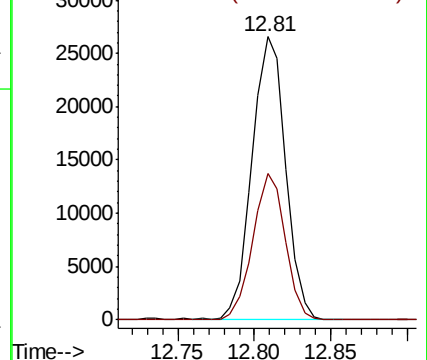
105 100

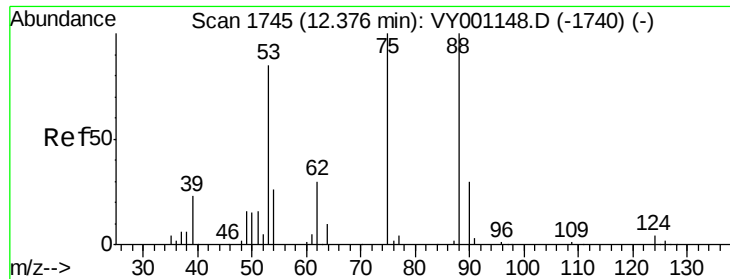
120 49.8 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY001148.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.277 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Instrument :

MSVOA_Y

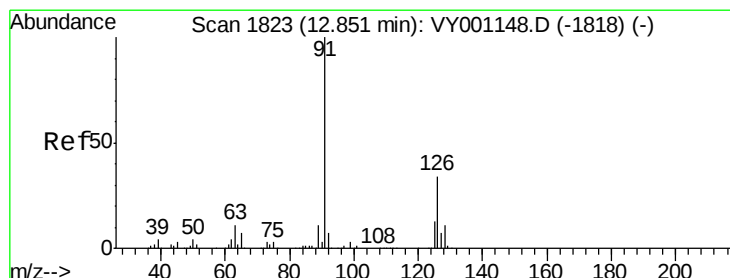
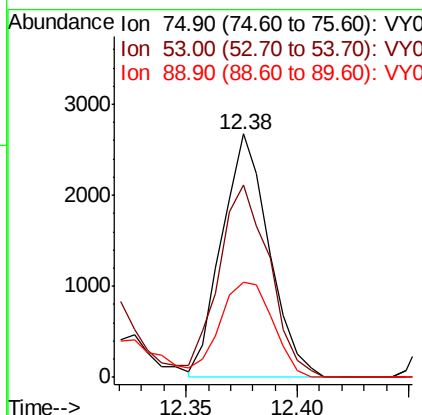
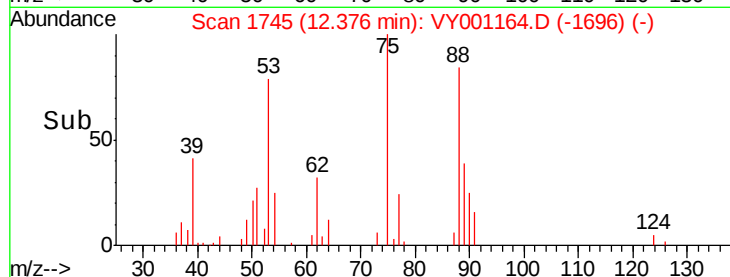
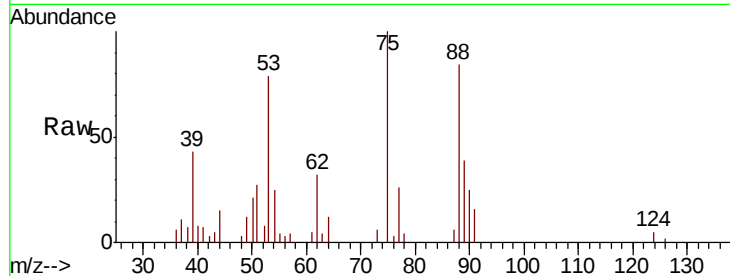
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.4	69.4	104.2
89	43.6	0.0	0.0#

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#82

4-Chlorotoluene

Concen: 53.757 ug/l

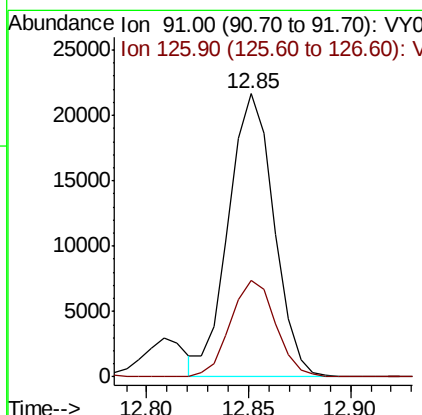
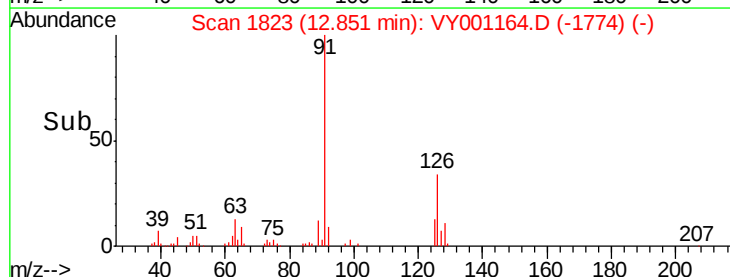
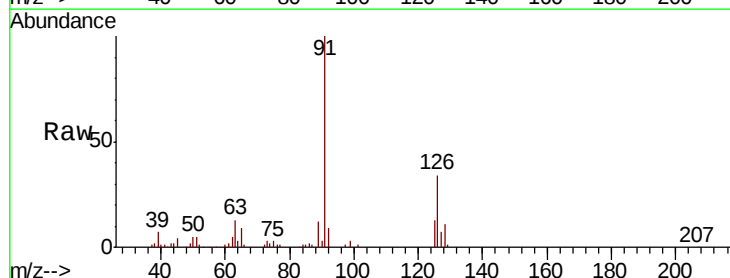
RT: 12.85 min Scan# 1823

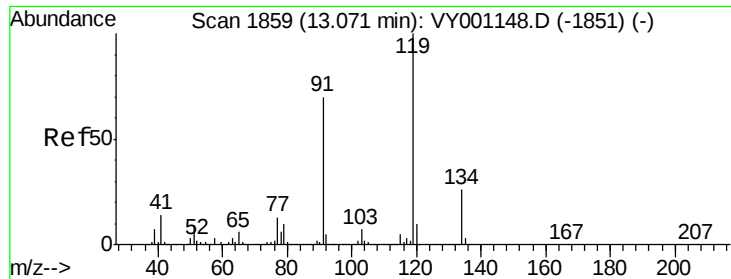
Delta R.T. 0.00 min

Lab File: VY001164.D

Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.3	48.8





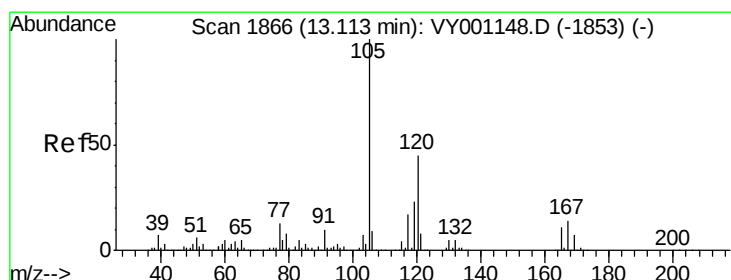
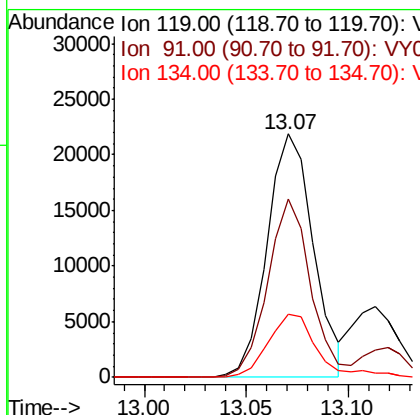
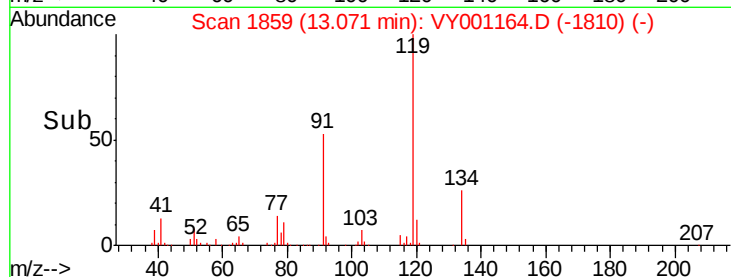
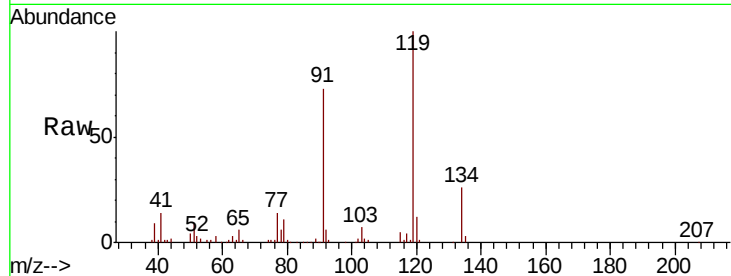
#83
tert-Butylbenzene
Concen: 59.041 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.9	101.7
134	27.7	13.5	40.4

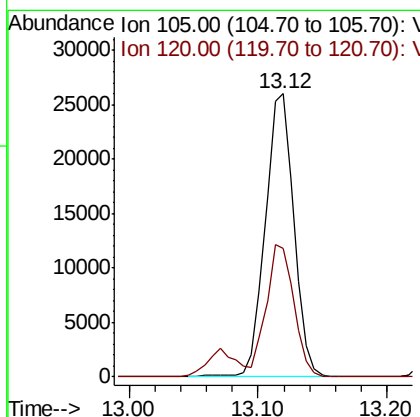
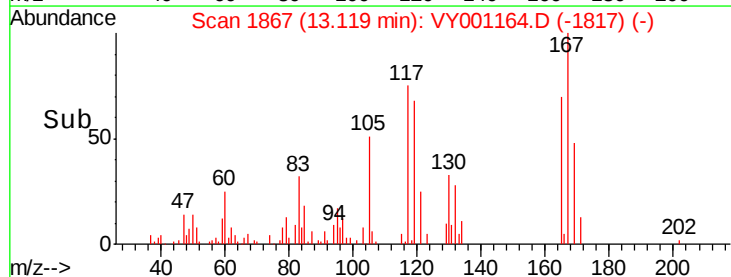
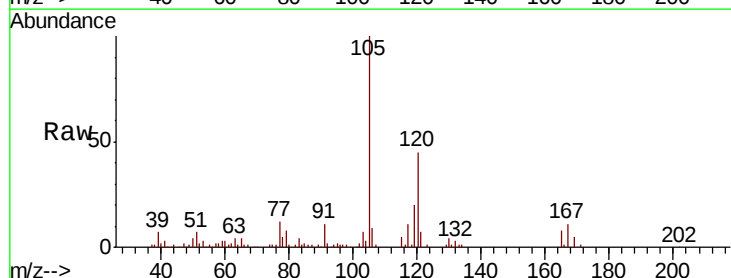
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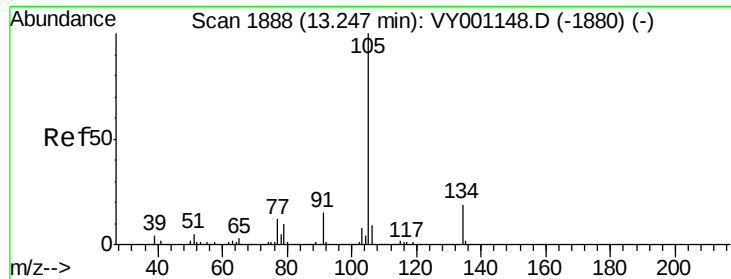
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#84
1,2,4-Trimethylbenzene
Concen: 57.897 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.8	68.3





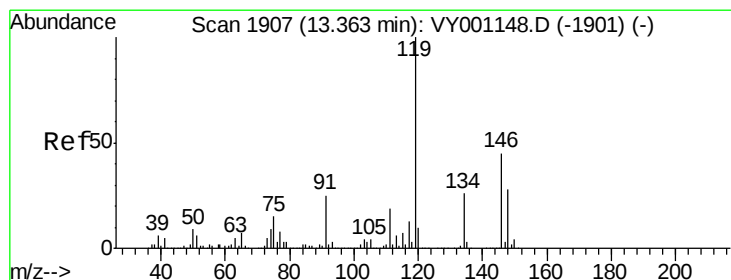
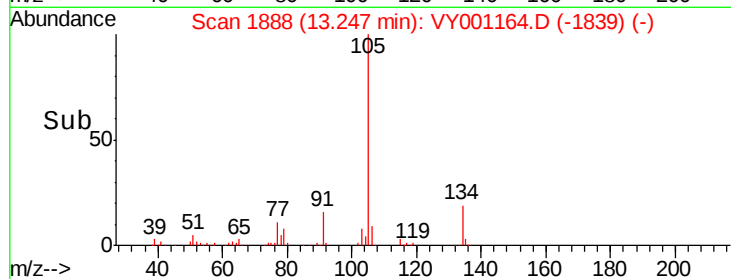
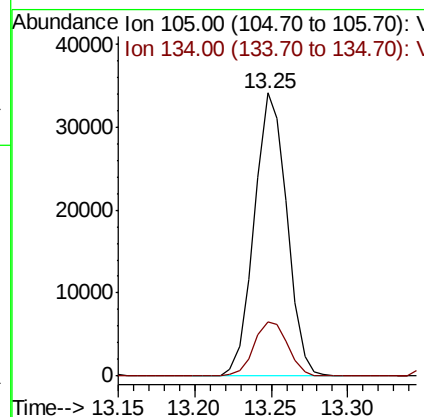
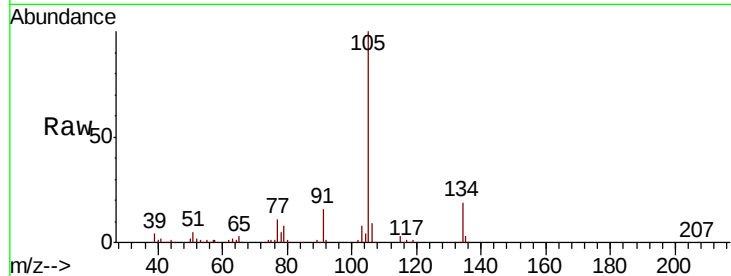
#85
 sec-Butylbenzene
 Concen: 59.894 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

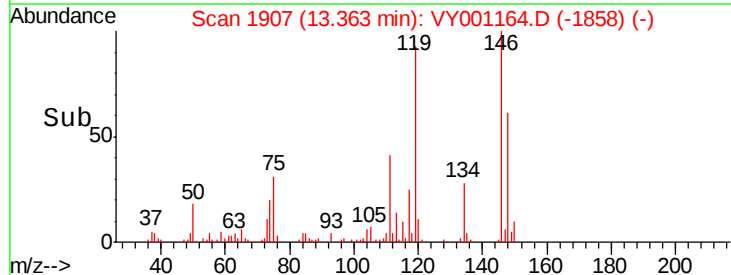
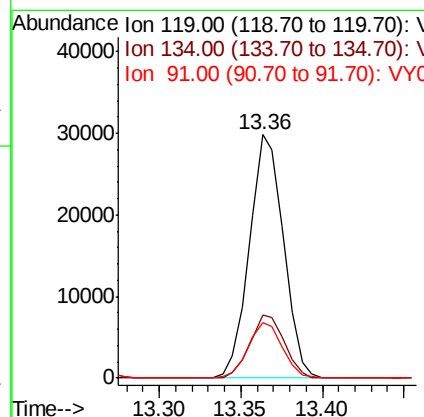
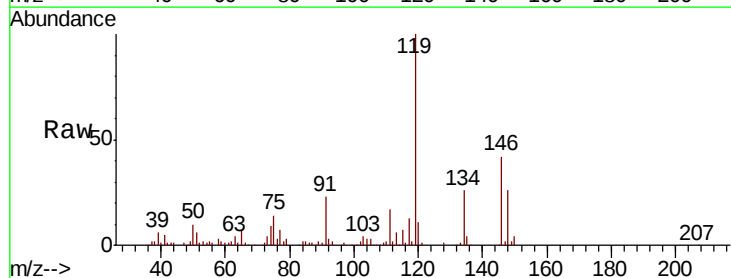
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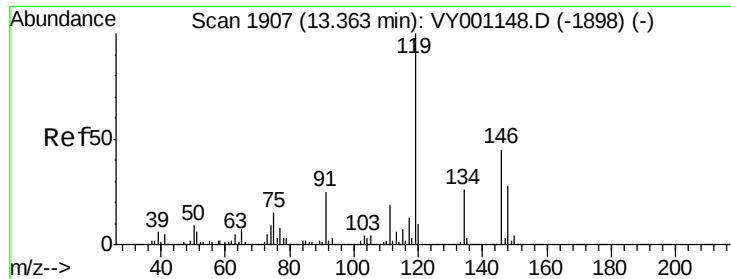
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#86
 p-Isopropyltoluene
 Concen: 59.296 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.2
91	23.1	12.4	37.2





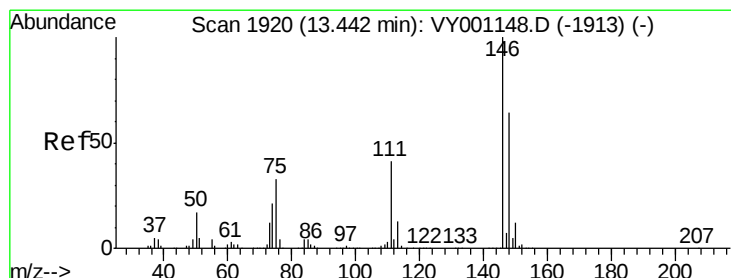
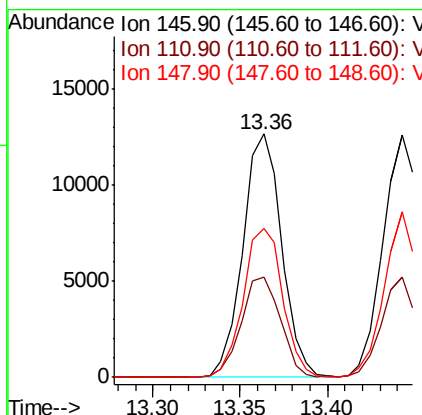
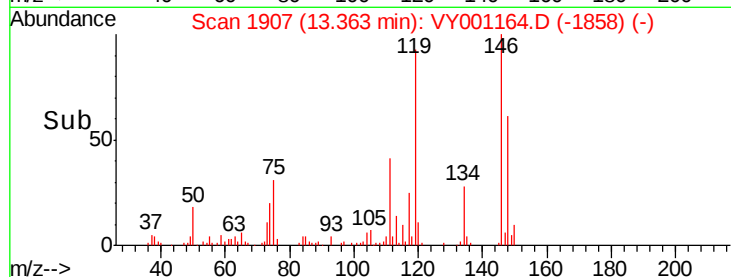
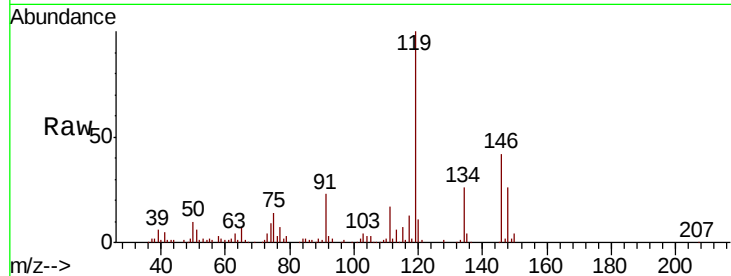
#87
 1,3-Dichlorobenzene
 Concen: 55.706 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	64.0
148	62.4	31.9	95.5

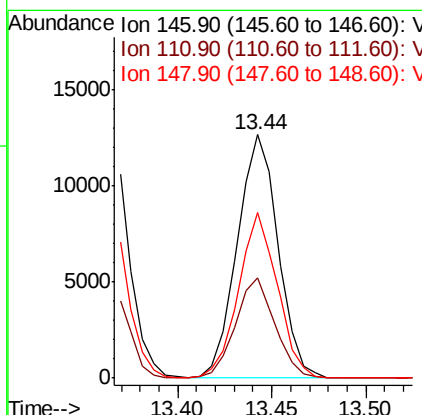
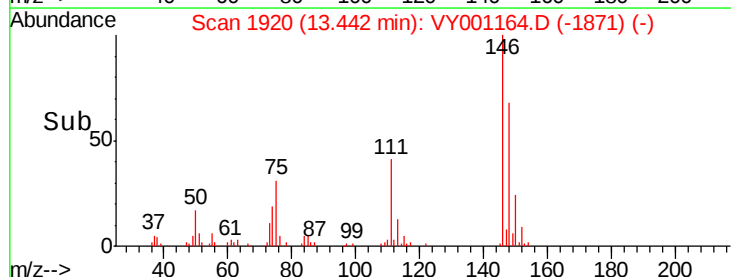
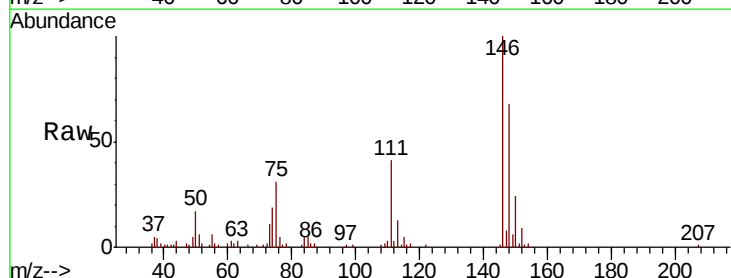
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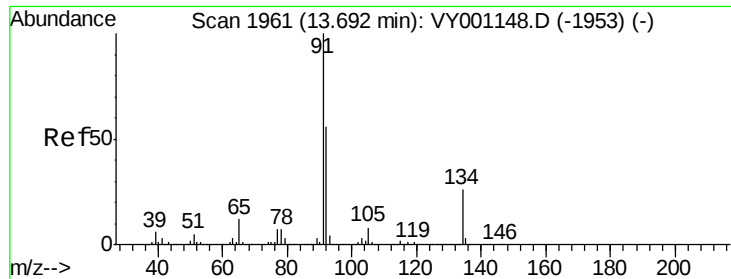
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#88
 1,4-Dichlorobenzene
 Concen: 52.632 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.8	62.5
148	64.7	32.0	96.2





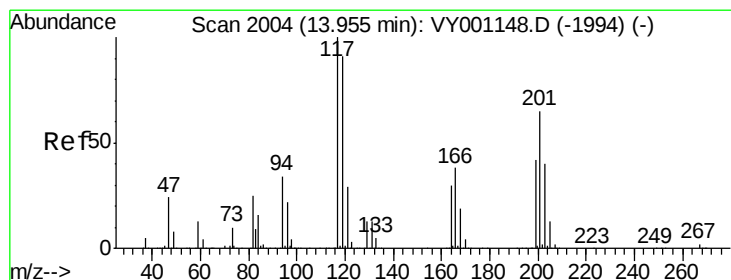
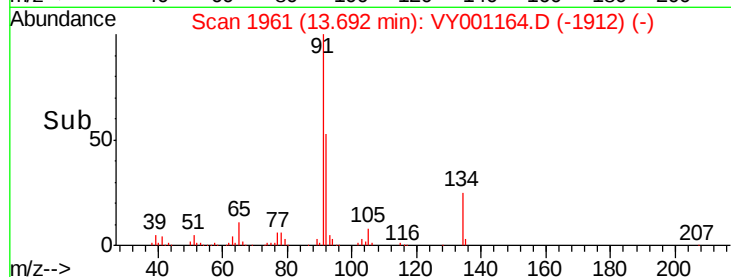
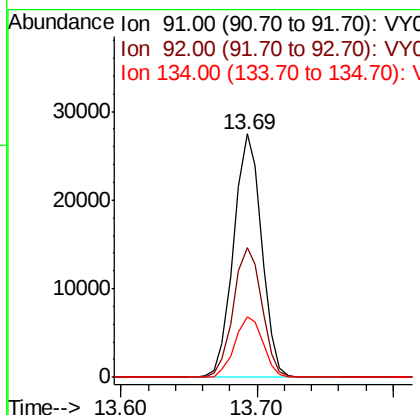
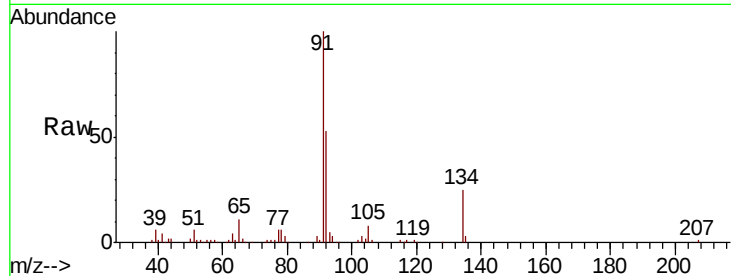
#89
n-Butylbenzene
Concen: 53.332 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.7	83.1
134	25.1	12.9	38.6

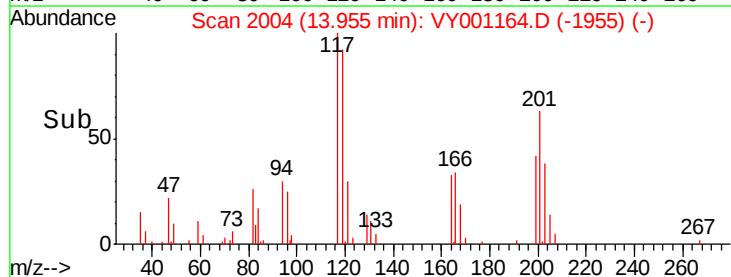
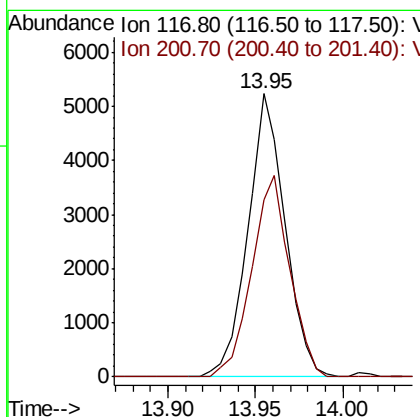
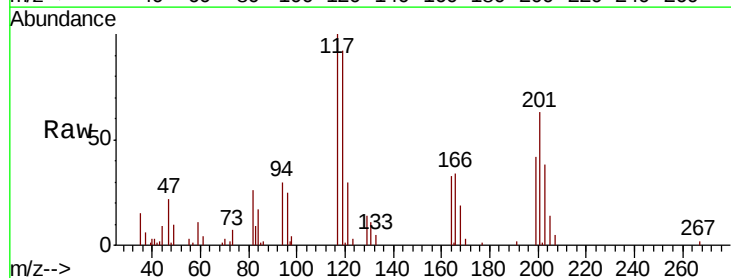
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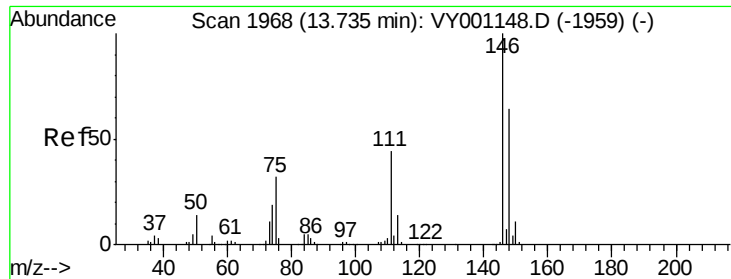
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#90
Hexachloroethane
Concen: 53.742 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.0	35.4	106.2





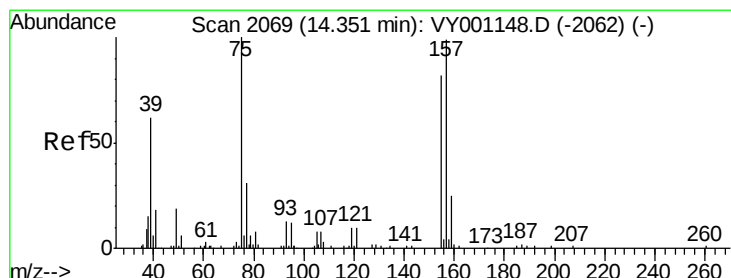
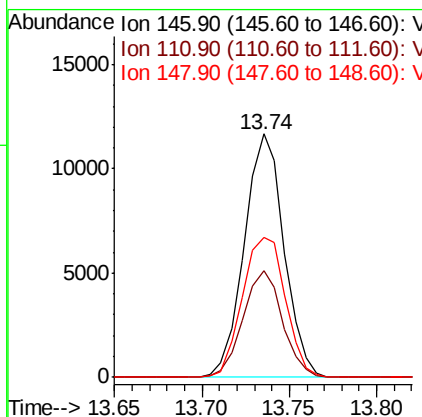
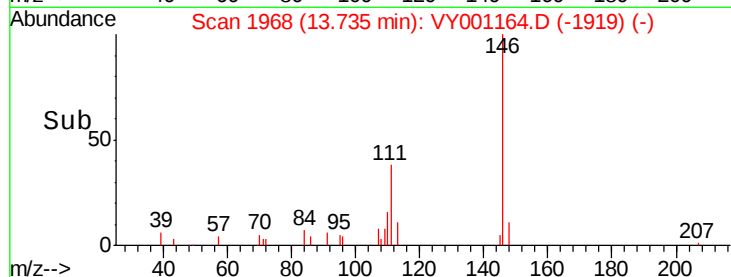
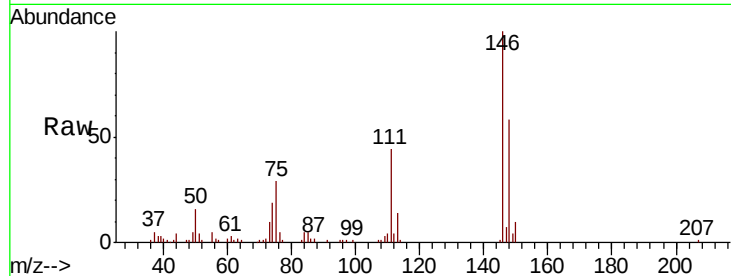
#91
 1,2-Dichlorobenzene
 Concen: 56.554 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.0	66.0
148	62.7	32.1	96.3

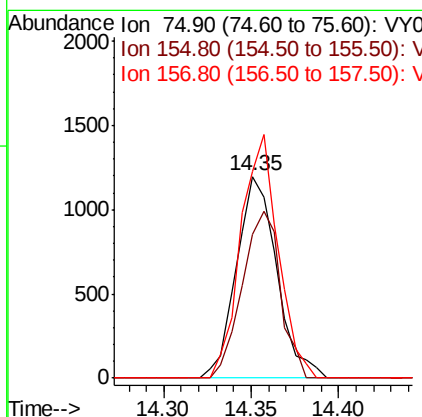
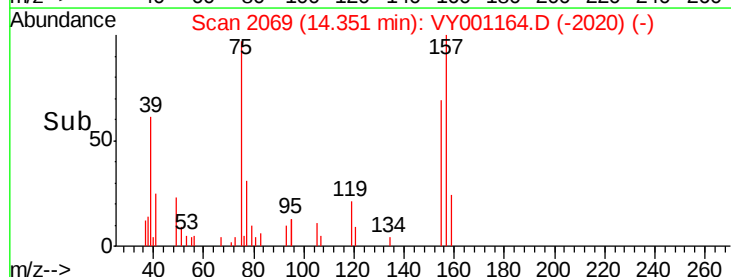
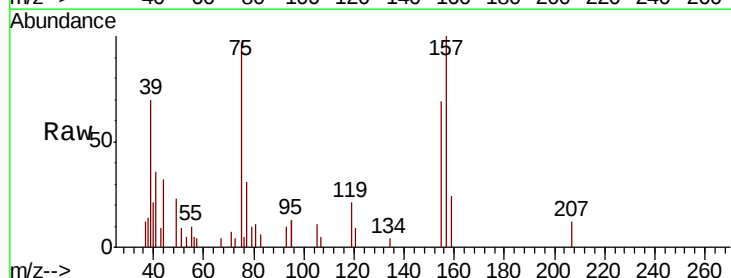
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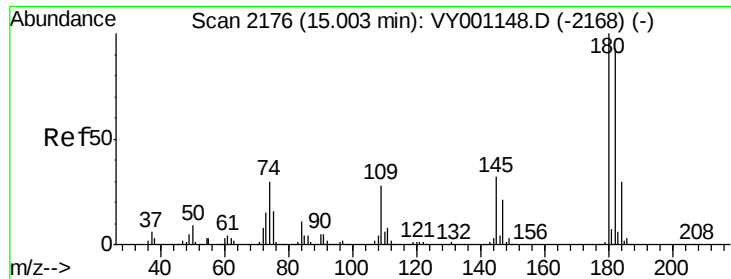
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.497 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001164.D
 Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	41.2	123.6
157	111.2	52.8	158.4





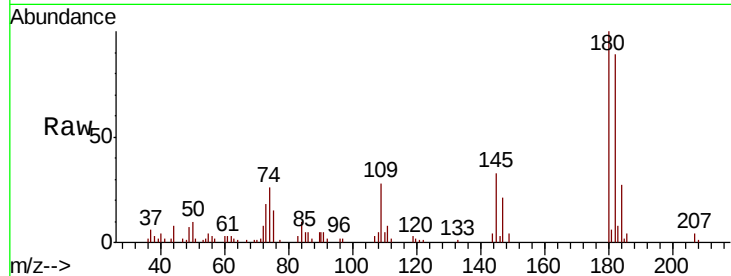
#93
1,2,4-Trichlorobenzene
Concen: 41.121 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.8
145	33.4	16.0	48.0

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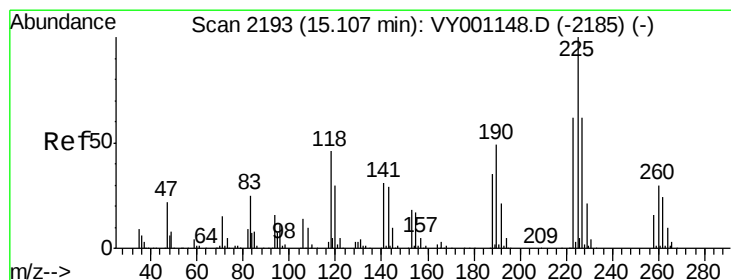
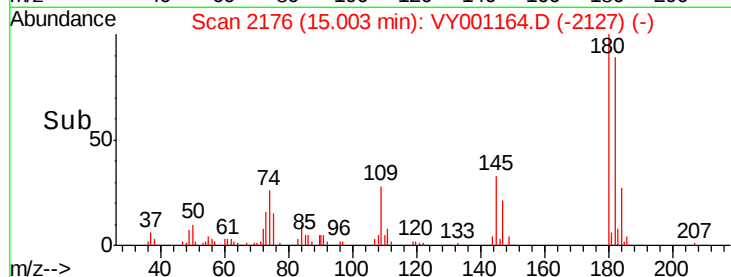
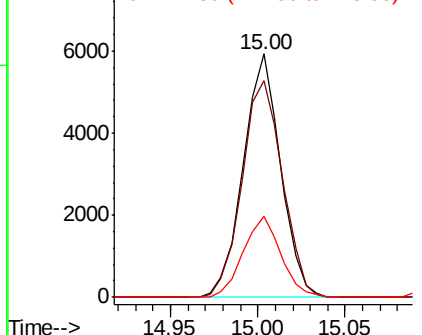


Abundance

Ion 179.80 (179.50 to 180.50): V

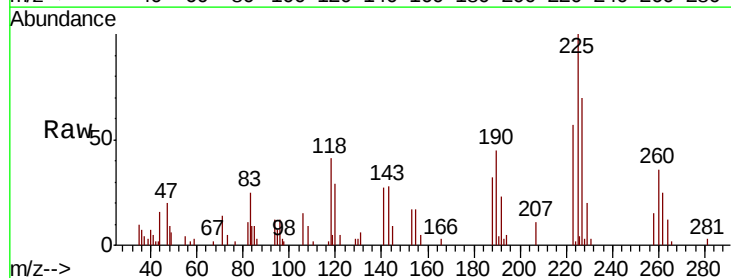
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 47.856 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.3
227	66.6	31.3	93.9

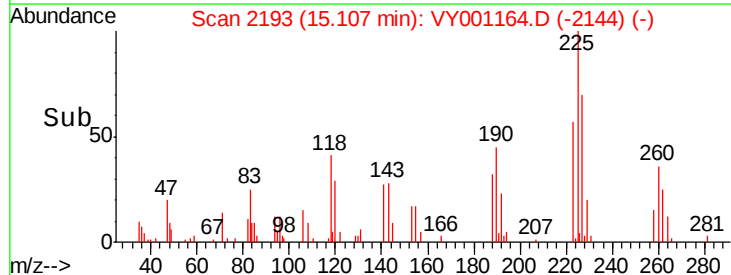
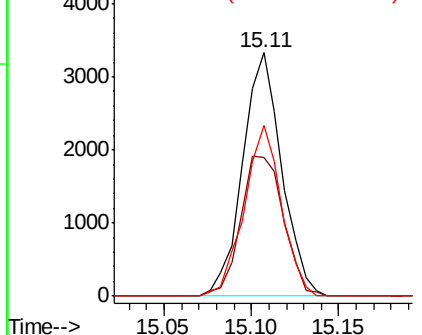


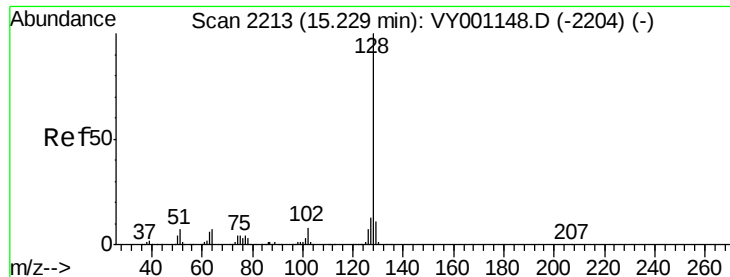
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





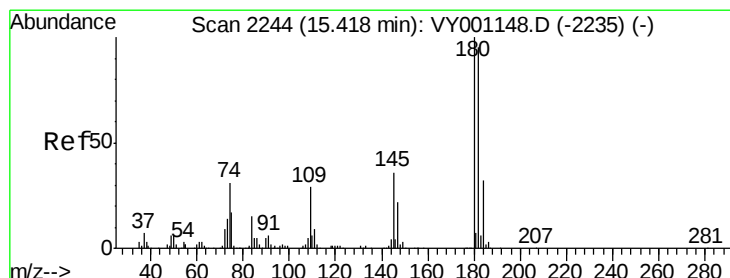
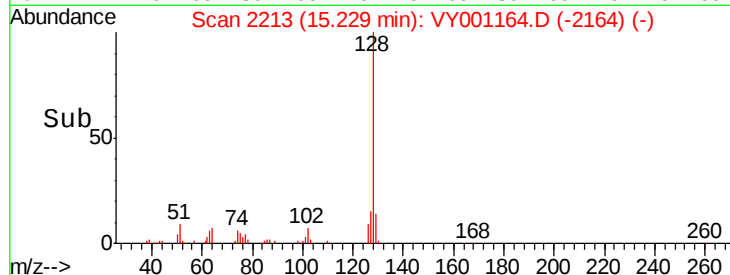
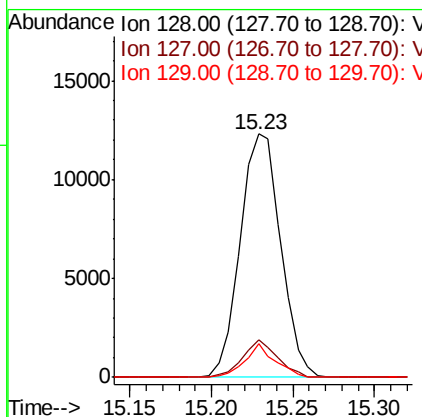
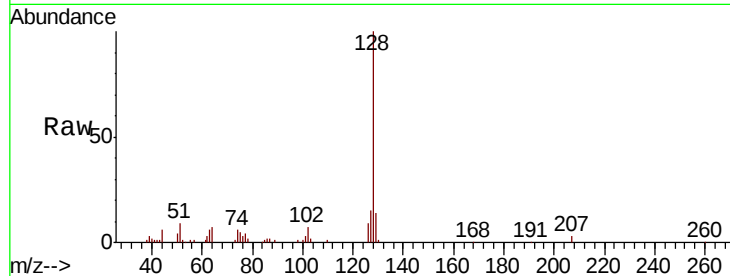
#95
Naphthalene
Concen: 42.608 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.3	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 39.654 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001164.D
Acq: 10 Jan 2020 21:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.5
145	32.7	17.1	51.3

