

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002379.D
 Acq On : 16 Apr 2020 19:44
 Operator : SY/MD
 Sample : L2271-06MSD
 Misc : 3.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:52:20 AM

Quant Time: Apr 17 08:23:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	91041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	149895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	99554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	25592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	52535	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	7.74	113	56437	63.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.56%	
50) Toluene-d8	10.19	98	188910	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.49	95	36540	29.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	52883	57.474	ug/l	99
3) Chloromethane	2.12	50	69002	59.586	ug/l	99
4) Vinyl Chloride	2.26	62	71037	57.633	ug/l	100
5) Bromomethane	2.66	94	41438	54.441	ug/l	96
6) Chloroethane	2.80	64	43642	61.394	ug/l	98
7) Trichlorofluoromethane	3.14	101	89782	56.403	ug/l	98
8) Diethyl Ether	3.54	74	47734	70.539	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	57553	53.227	ug/l	99
10) Methyl Iodide	4.11	142	57339	45.621	ug/l	97
11) Tert butyl alcohol	4.98	59	39765	387.063	ug/l	100
12) 1,1-Dichloroethene	3.89	96	61183	55.657	ug/l	95
14) Allvl chloride	4.50	41	91884	51.761	ug/l	95
15) Acrylonitrile	5.19	53	87085	251.652	ug/l	98
16) Acetone	3.97	43	66384	248.947	ug/l	91
17) Carbon Disulfide	4.21	76	163489	44.781	ug/l	100
18) Methyl Acetate	4.50	43	158565	191.707	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	201327	69.663	ug/l	100
20) Methylene Chloride	4.74	84	81940	62.518	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	63056	51.103	ug/l	98
22) Diisopropyl ether	6.14	45	234858	65.742	ug/l #	89
23) Vinyl Acetate	6.14	43	108396	47.614	ug/l #	71
24) 1,1-Dichloroethane	6.04	63	125412	61.719	ug/l	98
25) 2-Butanone	7.01	43	104654	247.994	ug/l	95
26) 2,2-Dichloropropane	7.00	77	91784	53.998	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	72732	54.073	ug/l	97
28) Bromochloromethane	7.36	49	45615	52.003	ug/l	92
29) Tetrahydrofuran	7.36	42	84055	301.323	ug/l	95
30) Chloroform	7.52	83	114923	59.998	ug/l	94
31) Cyclohexane	7.80	56	87886	41.204	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	91634	57.476	ug/l	100
36) 1,1-Dichloropropene	7.94	75	74544	50.489	ug/l	98
37) Ethyl Acetate	7.10	43	4149	4.919	ug/l #	77
38) Carbon Tetrachloride	7.92	117	71843	56.887	ug/l	98
39) Methylcyclohexane	9.19	83	66633	33.177	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.17	78	270162	60.310	ug/l	99
41) Methacrylonitrile	7.34	41	18874m	37.932	ug/l	
42) 1,2-Dichloroethane	8.25	62	64948	58.530	ug/l	96
43) Isopropyl Acetate	8.29	43	18051	11.734	ug/l #	61
44) Trichloroethene	8.96	130	65236	49.534	ug/l	95
45) 1,2-Dichloropropane	9.23	63	71262	64.116	ug/l	97
46) Dibromomethane	9.32	93	33369	57.421	ug/l	98
47) Bromodichloromethane	9.51	83	80848	60.632	ug/l	97
48) Methyl methacrylate	9.30	41	39007	56.552	ug/l	93
49) 1,4-Dioxane	9.31	88	12199	1483.987	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	202732	252.917	ug/l	97
52) Toluene	10.25	92	139461	51.660	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	64696	44.531	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	81536	46.682	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	51466	60.491	ug/l	98
56) Ethyl methacrylate	10.52	69	5529	4.553	ug/l #	77
57) 1,3-Dichloropropane	10.80	76	86382	57.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	144803	230.276	ug/l	99
59) 2-Hexanone	10.84	43	104087	187.101	ug/l	95
60) Dibromochloromethane	11.00	129	49250	54.287	ug/l	99
61) 1,2-Dibromoethane	11.10	107	41522	51.264	ug/l	99
64) Tetrachloroethene	10.73	164	59325	58.941	ug/l	96
65) Chlorobenzene	11.53	112	110562	53.426	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	52162	76.344	ug/l	98
67) Ethyl Benzene	11.60	91	218383	57.644	ug/l	99
68) m/p-Xylenes	11.71	106	154127	108.620	ug/l	98
69) o-Xylene	12.04	106	79129	59.399	ug/l	99
70) Stvrene	12.05	104	100624	43.537	ug/l	97
71) Bromoform	12.22	173	24162	65.029	ug/l #	100
73) Isopropylbenzene	12.34	105	193391	96.189	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	32829	134.961	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	40010m	134.632	ug/l	
77) Bromobenzene	12.62	156	34119	77.134	ug/l	94
78) n-propylbenzene	12.68	91	179774	71.895	ug/l	99
79) 2-Chlorotoluene	12.77	91	99726	73.387	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	132198	79.505	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13096	85.711	ug/l	98
82) 4-Chlorotoluene	12.86	91	87826	61.664	ug/l	100
83) tert-Butylbenzene	13.08	119	111914	80.353	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	120429	72.530	ug/l	98
85) sec-Butylbenzene	13.27	105	124799	60.150	ug/l	100
86) p-Isopropyltoluene	13.38	119	38978	21.828	ug/l	95
87) 1,3-Dichlorobenzene	13.38	146	44217	51.580	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	44194	50.787	ug/l	99
89) n-Butylbenzene	13.70	91	65345	35.700	ug/l	99
90) Hexachloroethane	13.97	117	21558	63.354	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	43078	55.302	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5513	93.709	ug/l	92
93) 1,2,4-Trichlorobenzene	15.02	180	13089	25.707	ug/l	98
94) Hexachlorobutadiene	15.12	225	6102	23.795	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.25	128	36642	32.868	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	11430	25.854	ug/l	96

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

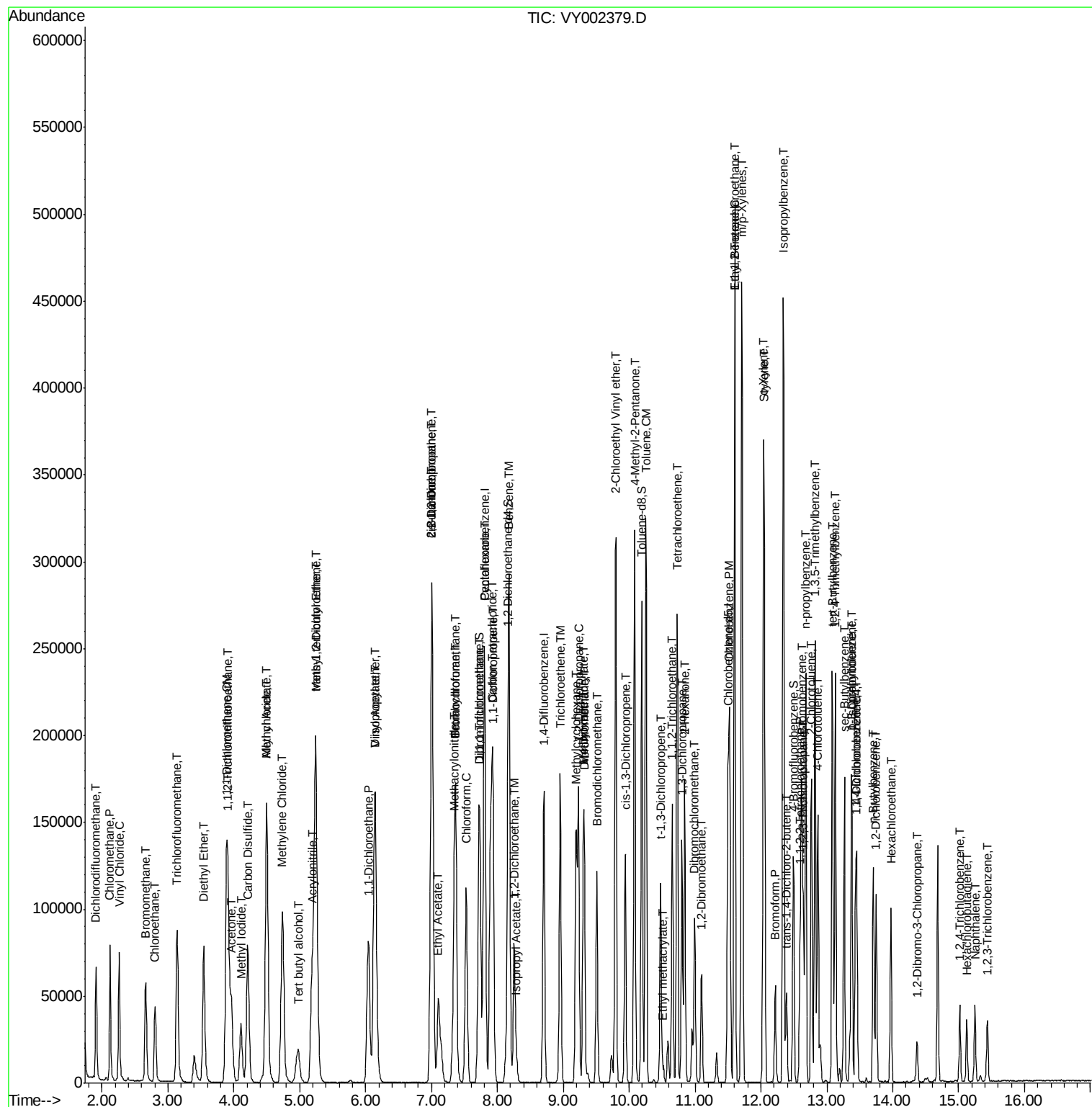
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
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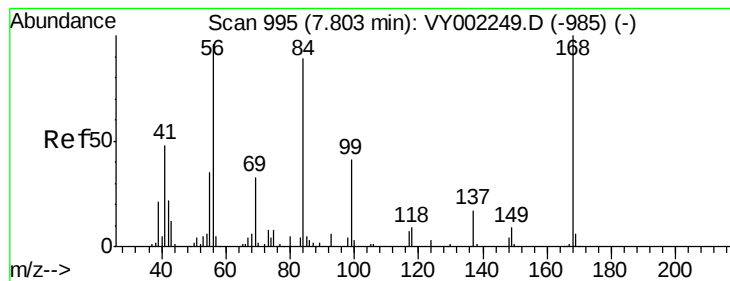
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion:168 Resp: 91041

Ion Ratio Lower Upper

168 100

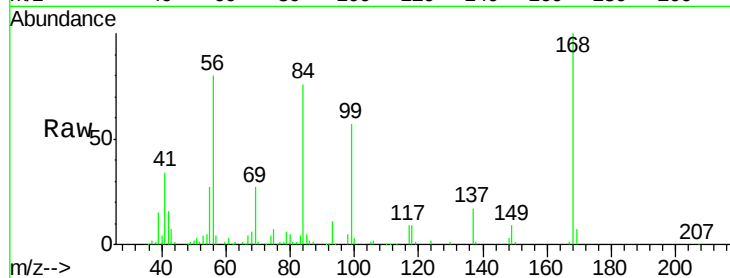
99 56.8 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002379.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY002379.D (-946) (-)

7.81

40000

30000

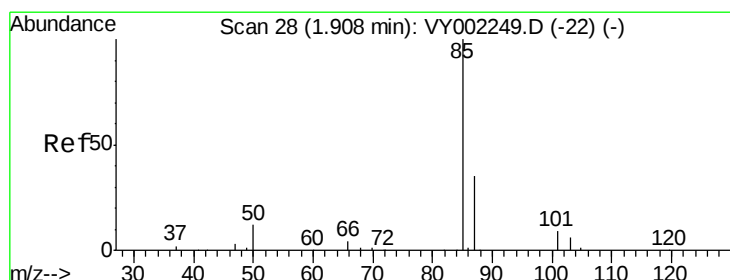
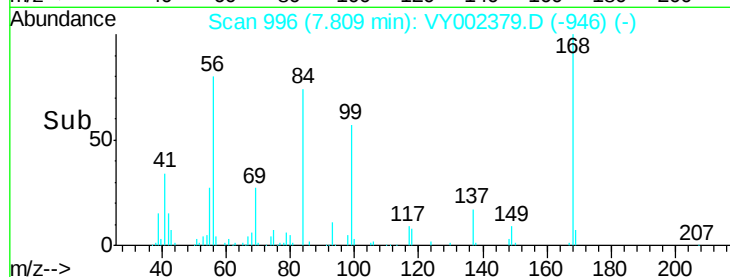
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 57.474 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002379.D

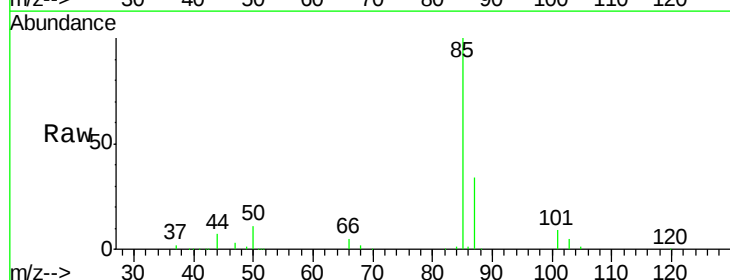
Acq: 16 Apr 2020 19:44

Tgt Ion: 85 Resp: 52883

Ion Ratio Lower Upper

85 100

87 34.2 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002379.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002379.D (-1) (-)

1.91

40000

30000

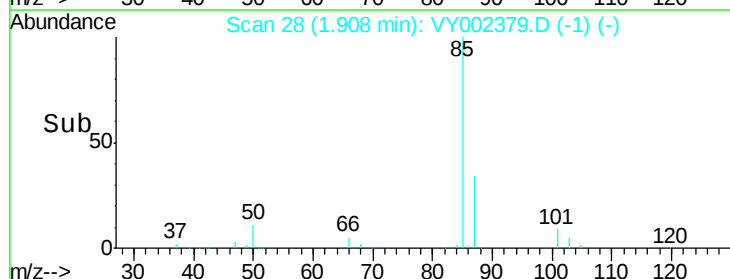
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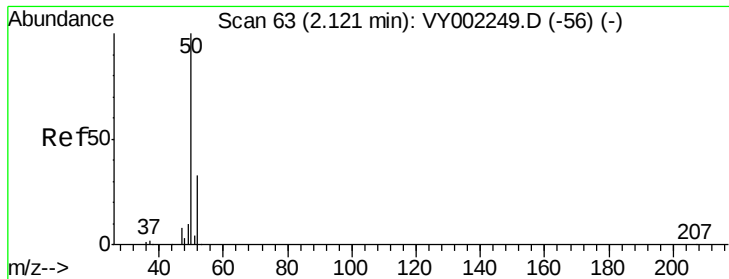
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 59.586 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion: 50 Resp: 69002

Ion Ratio Lower Upper

50 100

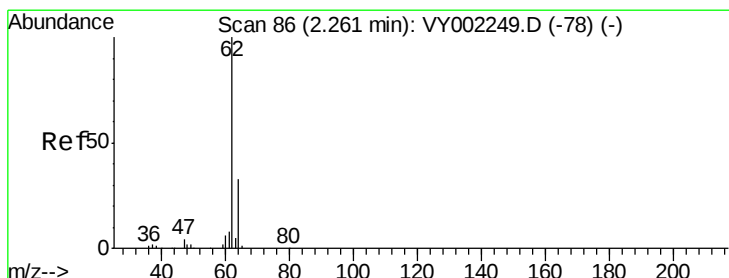
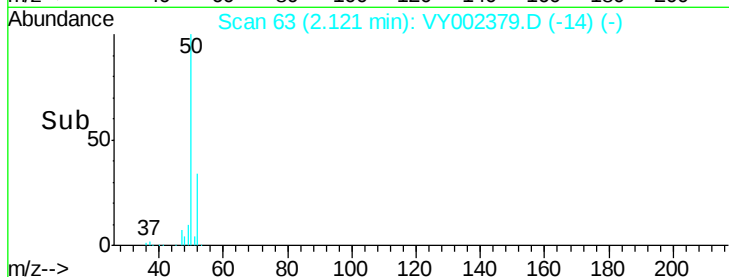
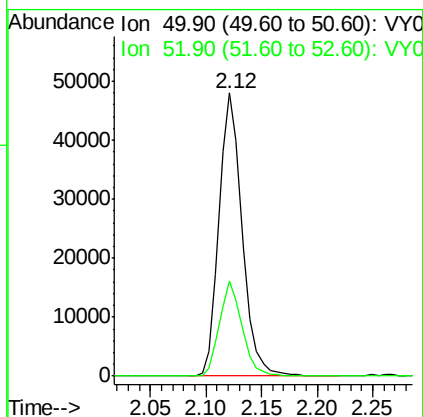
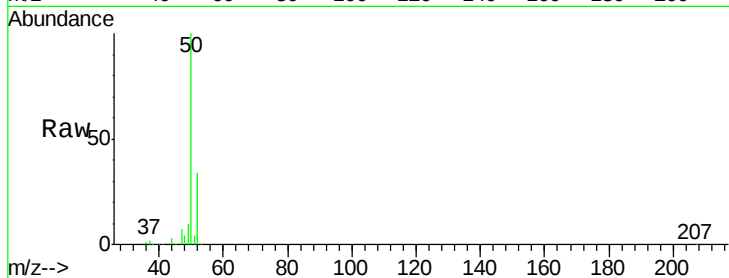
52 33.6 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 57.633 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002379.D

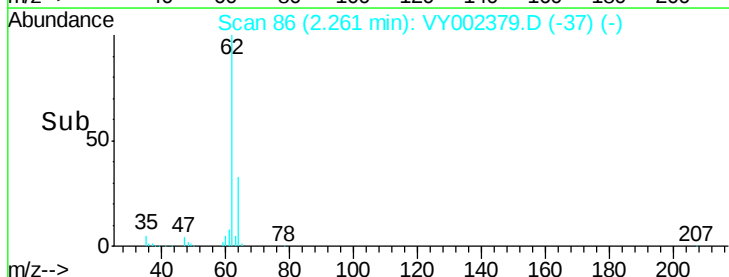
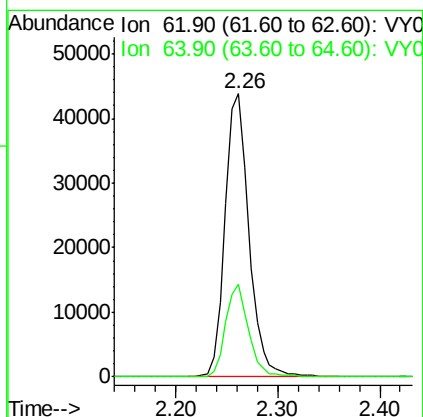
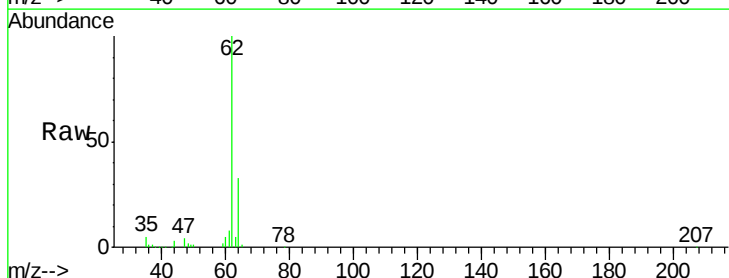
Acq: 16 Apr 2020 19:44

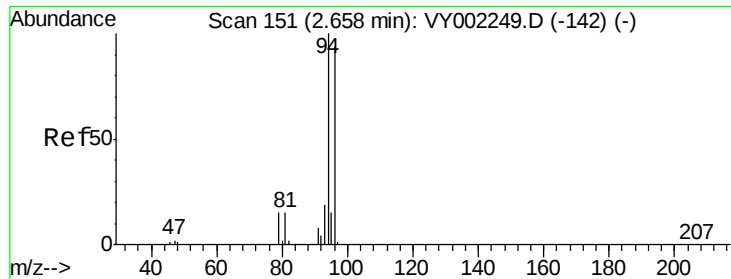
Tgt Ion: 62 Resp: 71037

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 54.441 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion: 94 Resp: 41438

Ion Ratio Lower Upper

94 100

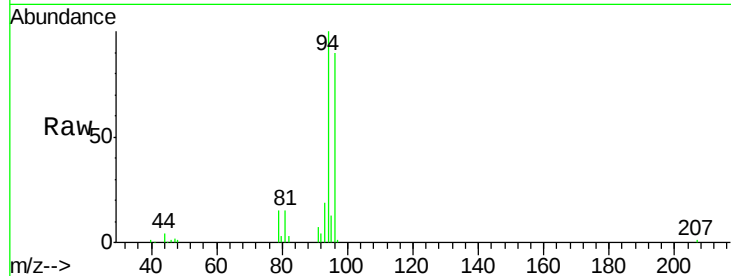
96 90.4 75.6 113.4

Manual Integrations

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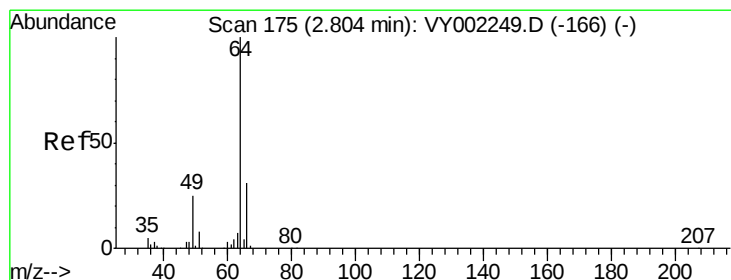
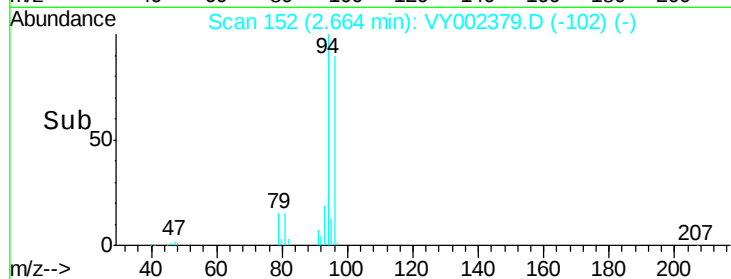
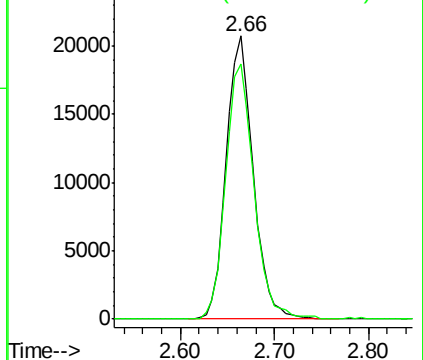
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 61.394 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002379.D

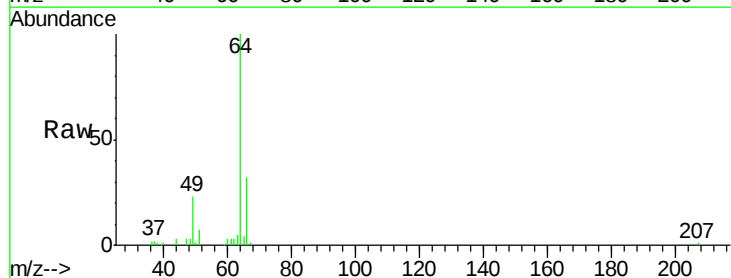
Acq: 16 Apr 2020 19:44

Tgt Ion: 64 Resp: 43642

Ion Ratio Lower Upper

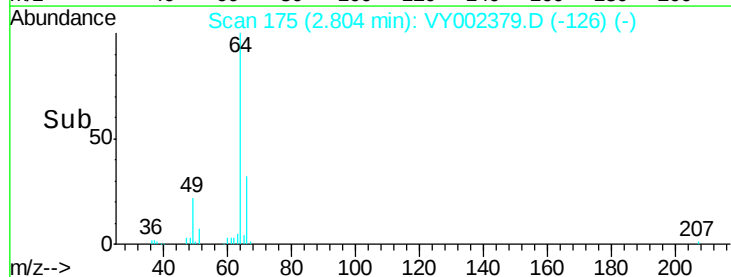
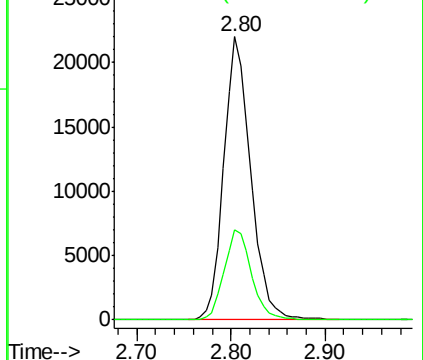
64 100

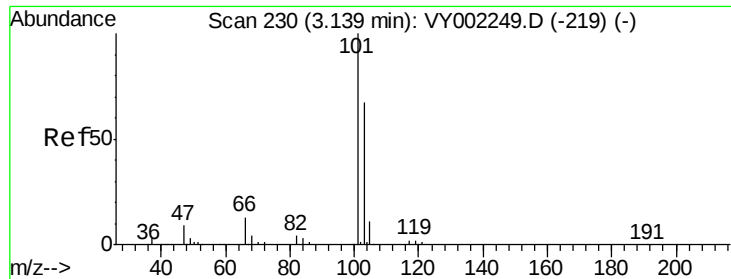
66 31.9 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

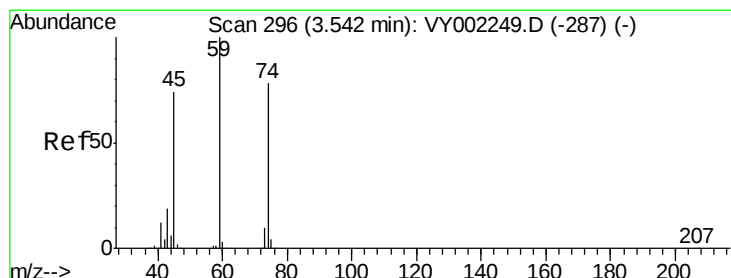
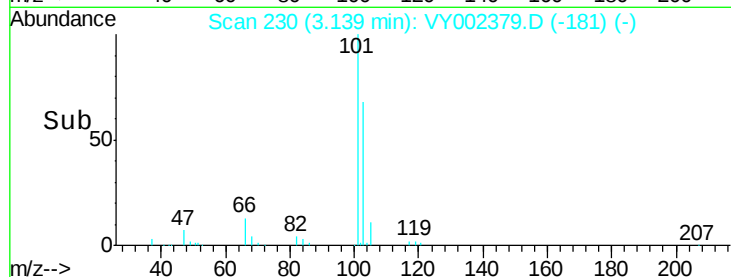
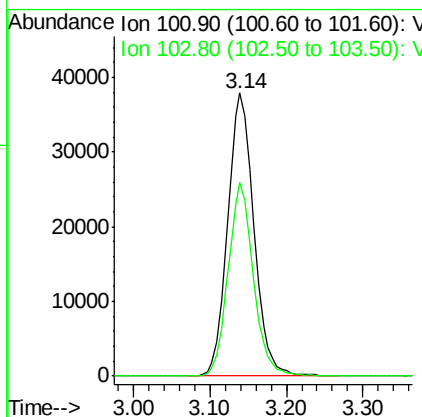
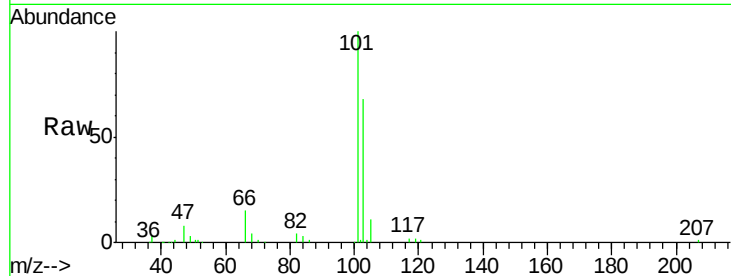
Trichlorofluoromethane
Concen: 56.403 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.4	53.3	79.9

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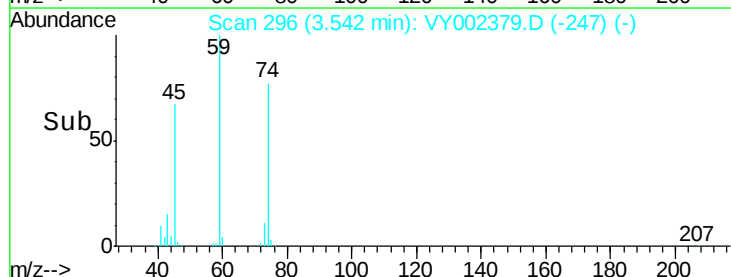
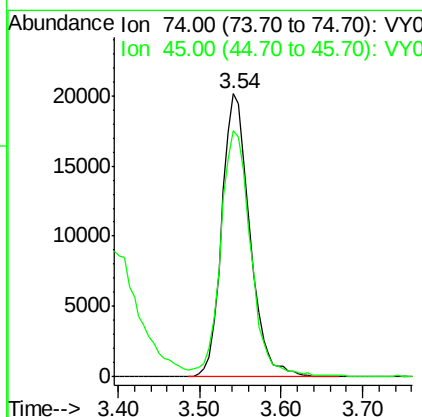
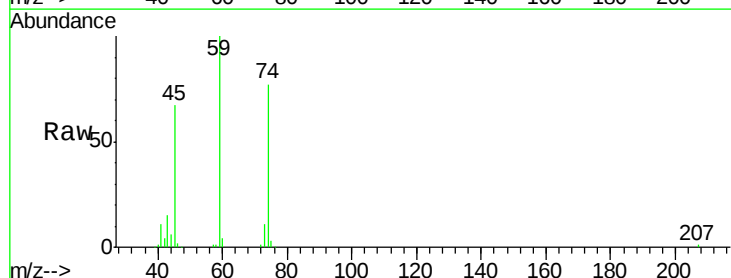
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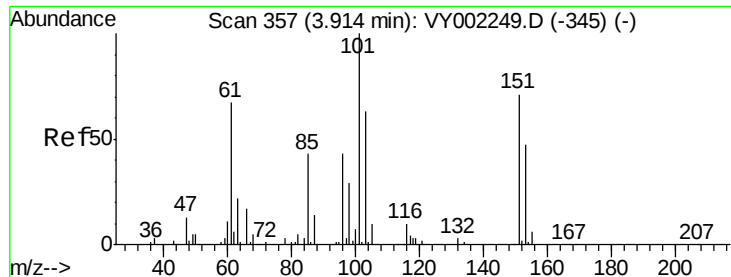


#8

Diethyl Ether
Concen: 70.539 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.00 min
Lab File: VY002379.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.227 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

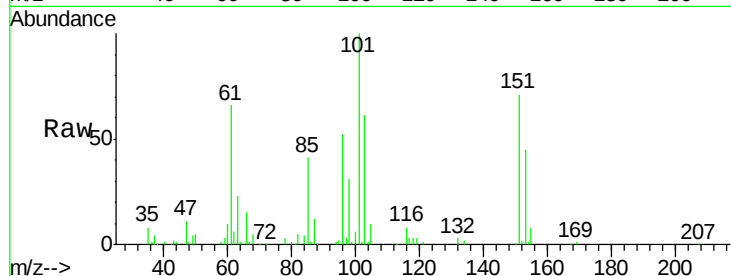
ClientSampled :

BG-4MSD

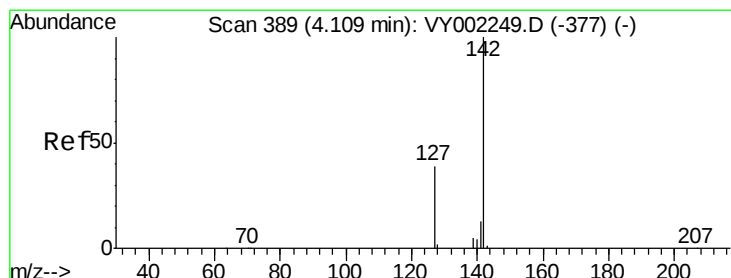
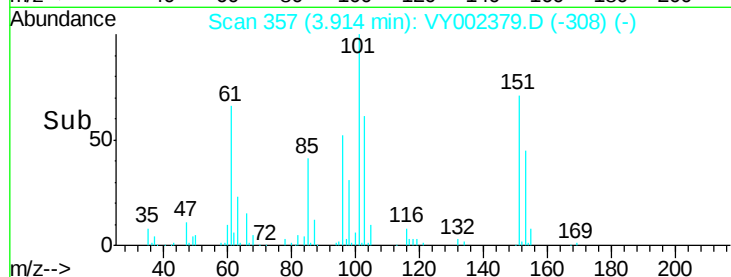
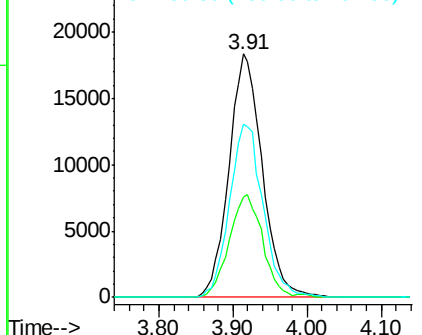
Tot Ion:	101	Resp:	57553
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.6	52.0
151	71.7	57.6	86.4

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4/17/2020 11:52:20 AM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.621 ug/l

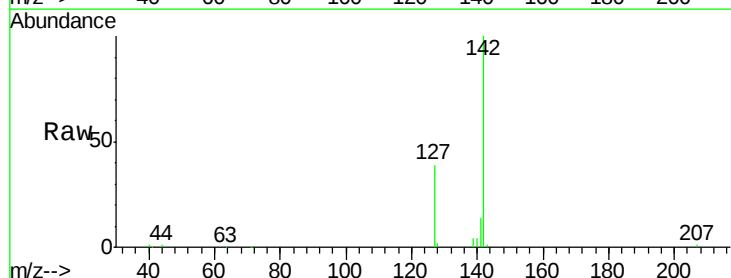
RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

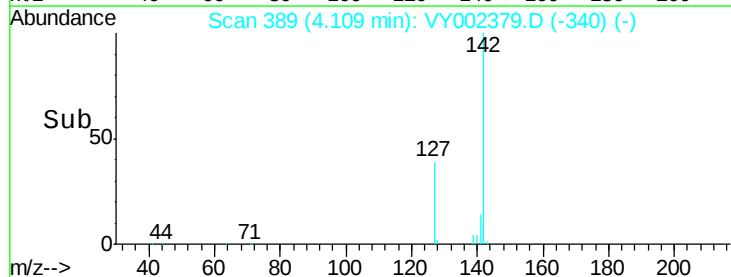
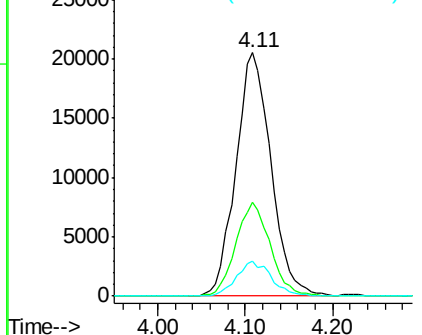
Lab File: VY002379.D

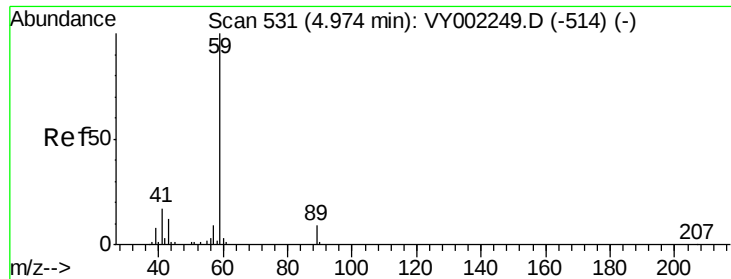
Acq: 16 Apr 2020 19:44

Tgt Ion:	142	Resp:	57339
Ion Ratio	Lower	Upper	
142	100		
127	38.0	32.4	48.6
141	13.9	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





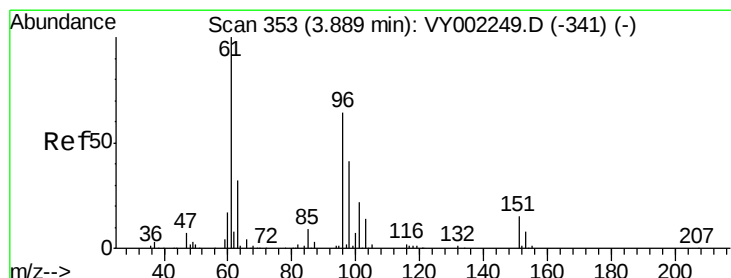
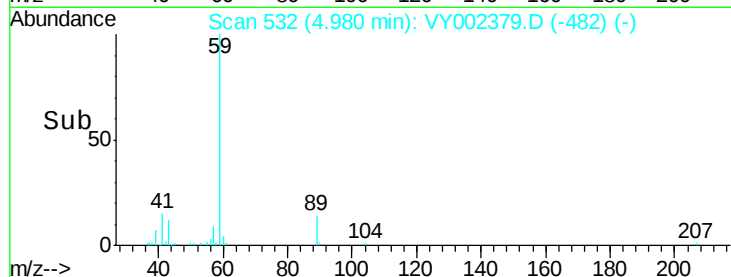
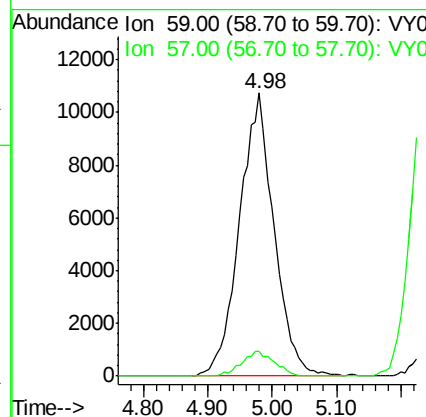
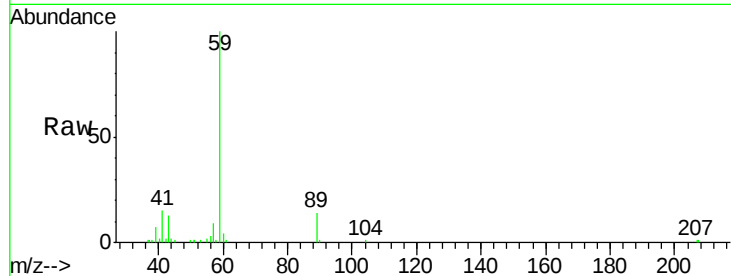
#11
Tert butyl alcohol
Concen: 387.063 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion: 59 Resp: 39765
Ion Ratio Lower Upper
59 100
57 8.3 6.6 9.8

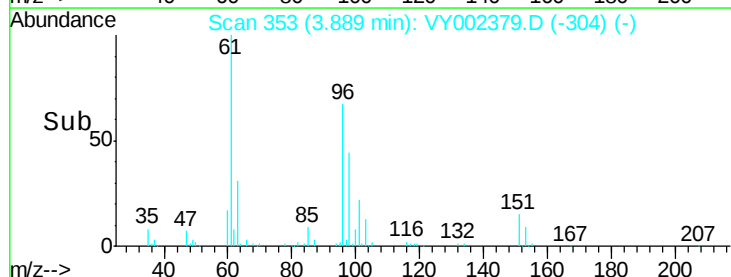
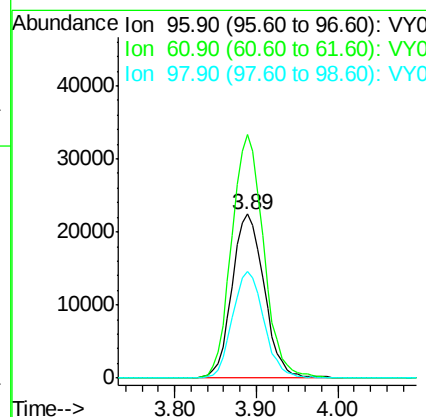
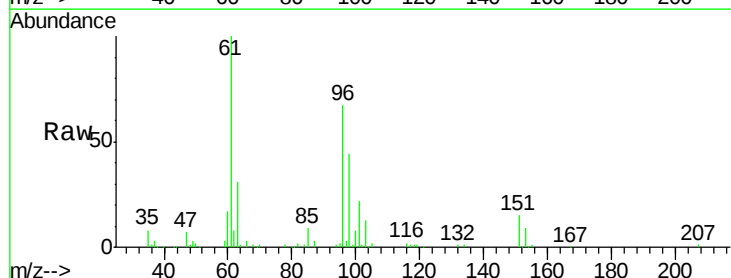
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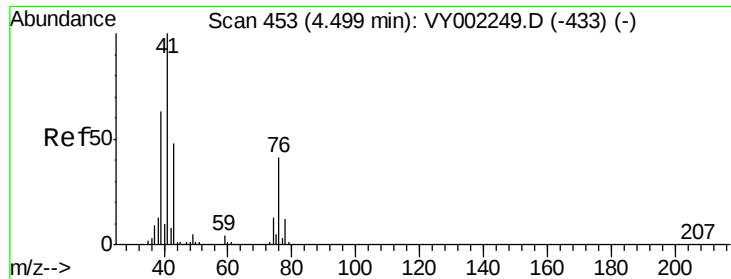
MMDadoda
4/17/2020 11:52:20 AM



#12
1,1-Dichloroethene
Concen: 55.657 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 96 Resp: 61183
Ion Ratio Lower Upper
96 100
61 148.8 125.9 188.9
98 65.4 51.1 76.7





#14

Allvl chloride

Concen: 51.761 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

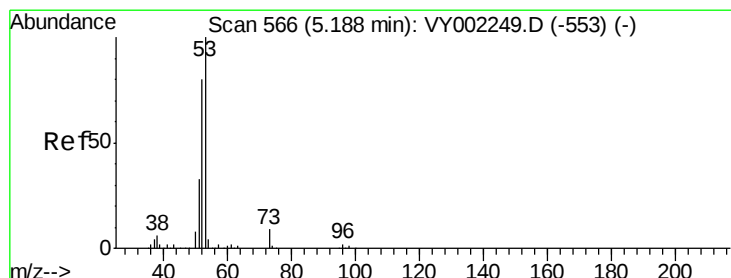
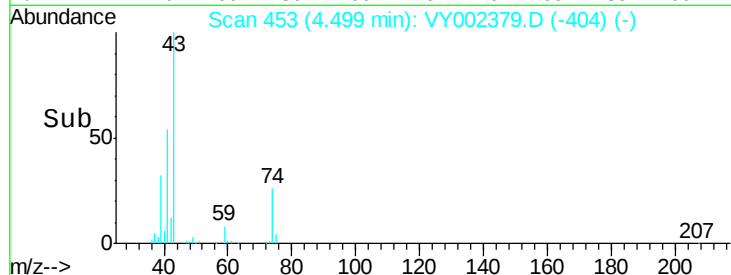
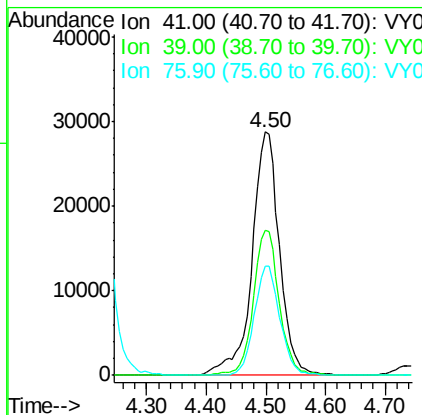
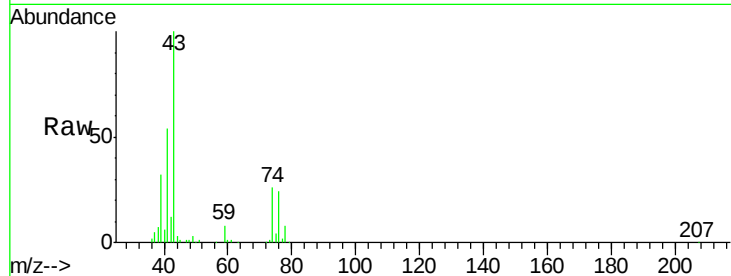
ClientSampled :

BG-4MSD

Tot Ion:	41	Resp:	91884
Ion	Ratio	Lower	Upper
41	100		
39	56.3	48.0	72.0
76	41.8	31.0	46.6

Manual Integrations
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4/17/2020 11:52:20 AM



#15

Acrylonitrile

Concen: 251.652 ug/l

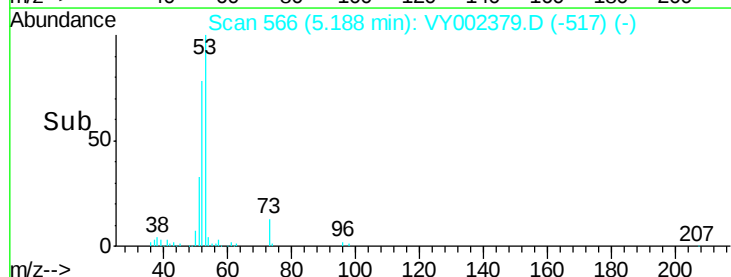
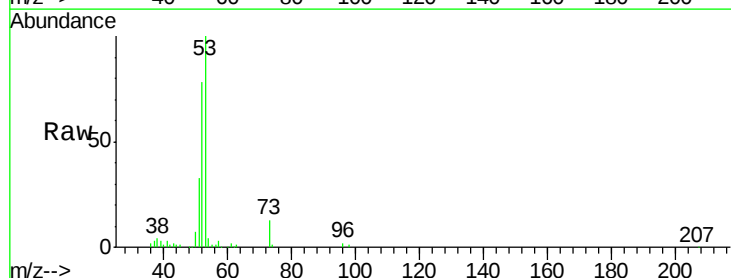
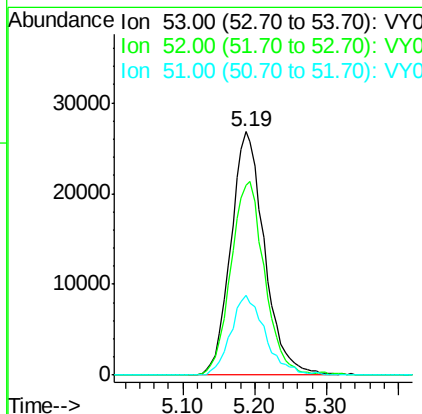
RT: 5.19 min Scan# 566

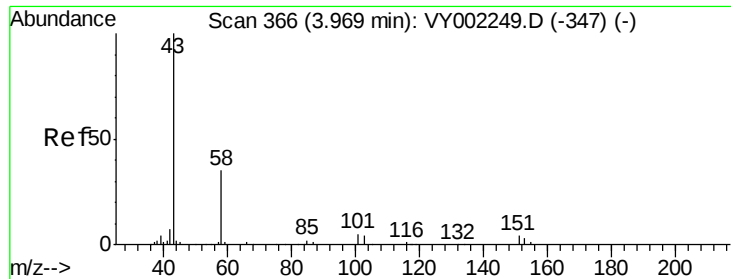
Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion:	53	Resp:	87085
Ion	Ratio	Lower	Upper
53	100		
52	79.4	65.1	97.7
51	33.7	27.1	40.7





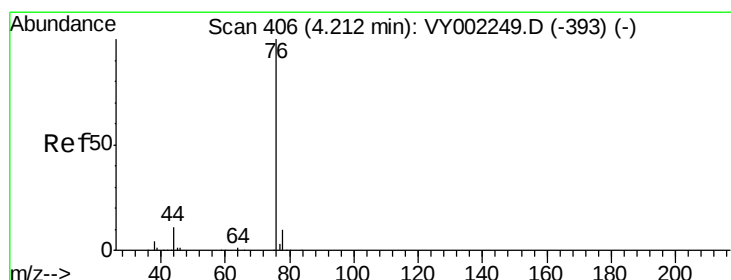
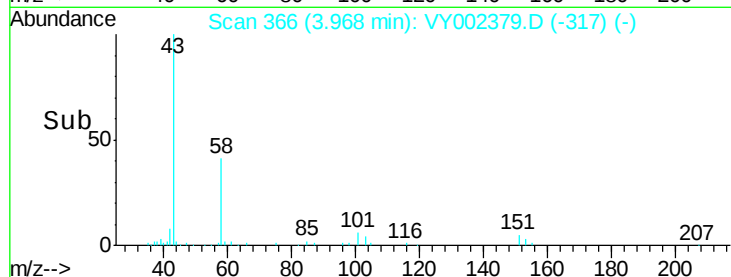
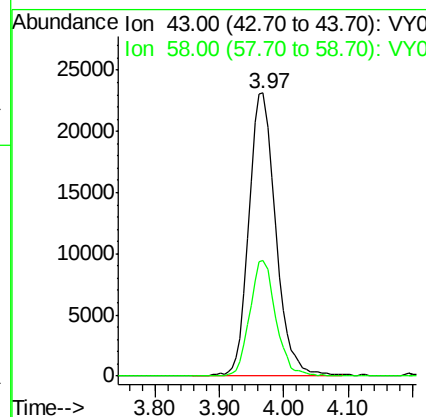
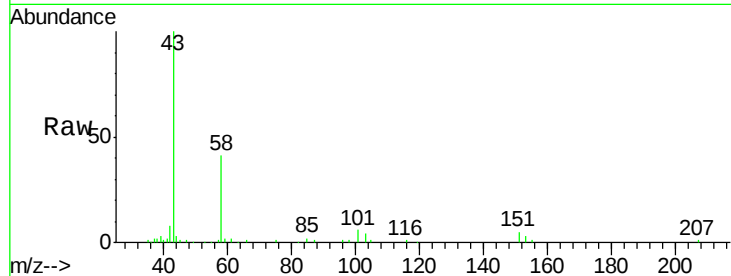
#16
Acetone
Concen: 248.947 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion: 43 Resp: 66384
Ion Ratio Lower Upper
43 100
58 41.0 28.5 42.7

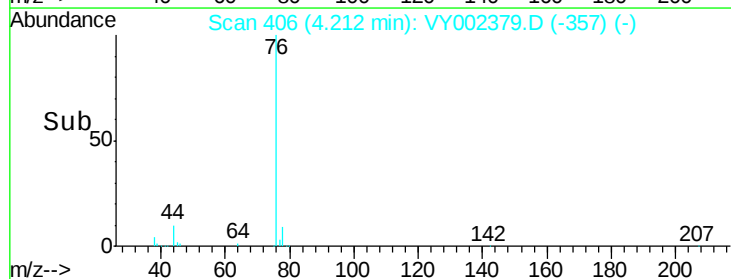
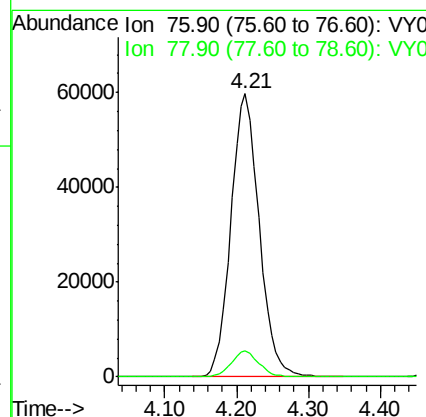
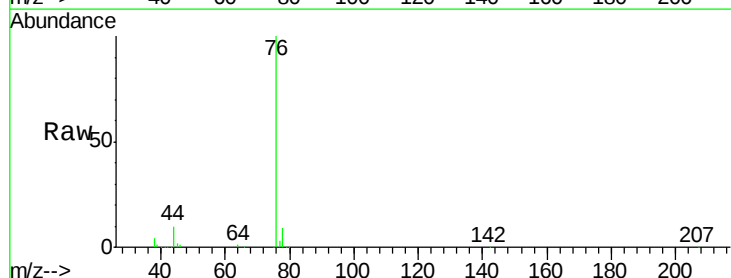
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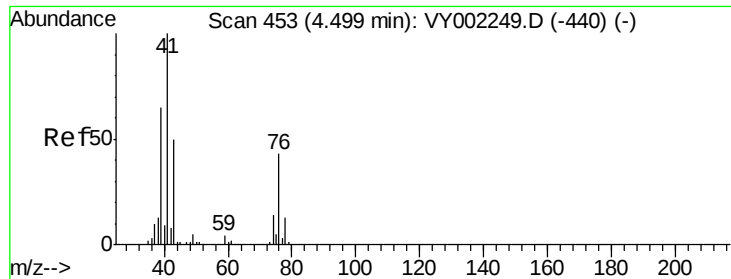
MMDadoda
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#17
Carbon Disulfide
Concen: 44.781 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 76 Resp: 163489
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5





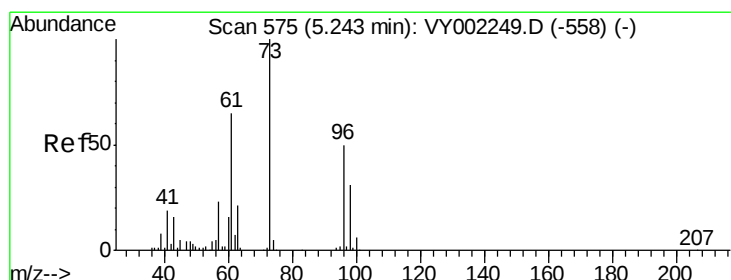
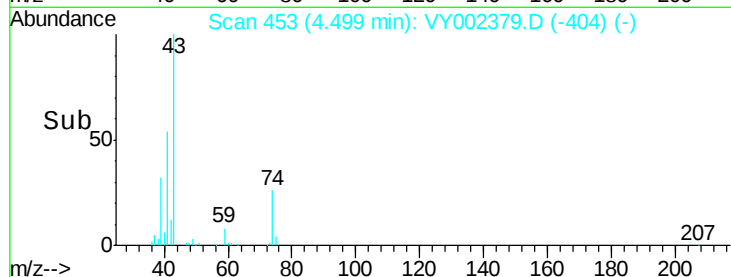
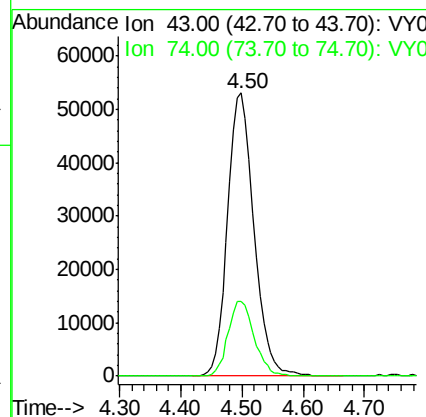
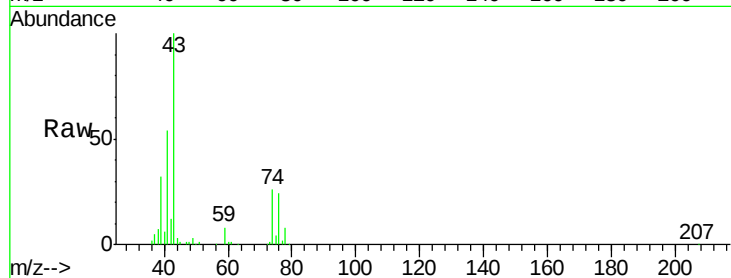
#18
Methyl Acetate
Concen: 191.707 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion: 43 Resp: 158565
Ion Ratio Lower Upper
43 100
74 26.3 20.3 30.5

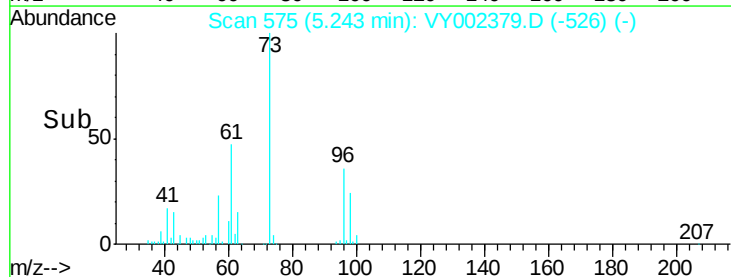
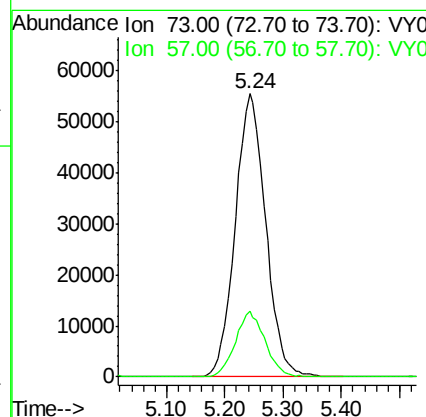
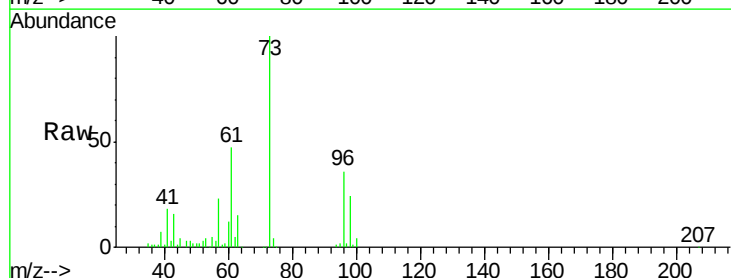
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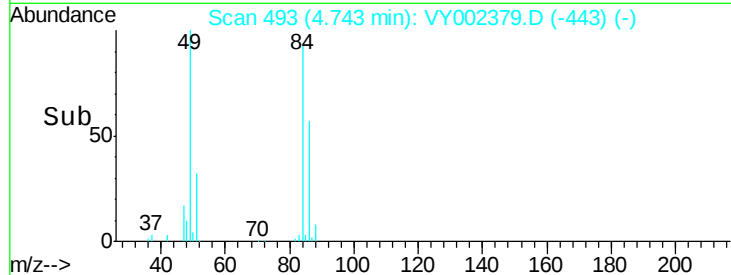
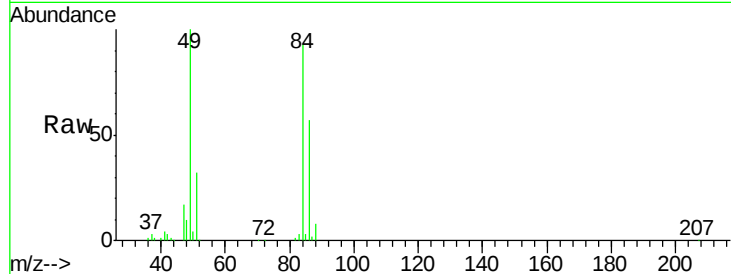
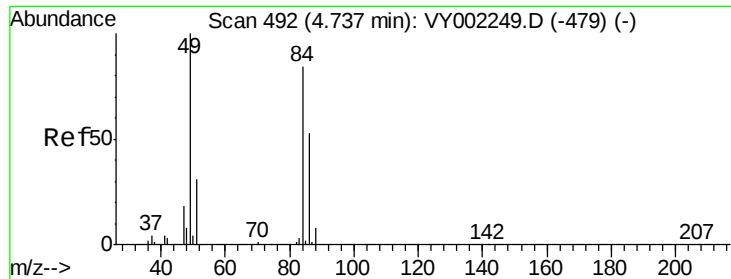
MMDadoda
4/17/2020 11:52:20 AM



#19
Methyl tert-butyl Ether
Concen: 69.663 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 73 Resp: 201327
Ion Ratio Lower Upper
73 100
57 23.3 18.7 28.1





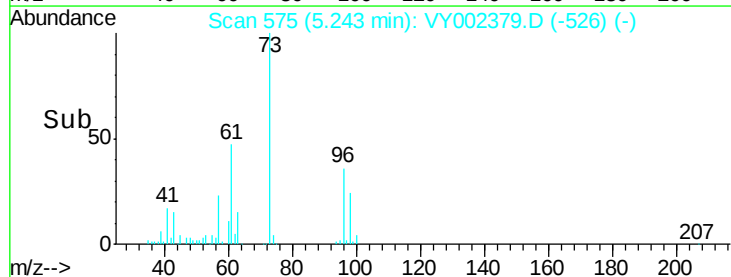
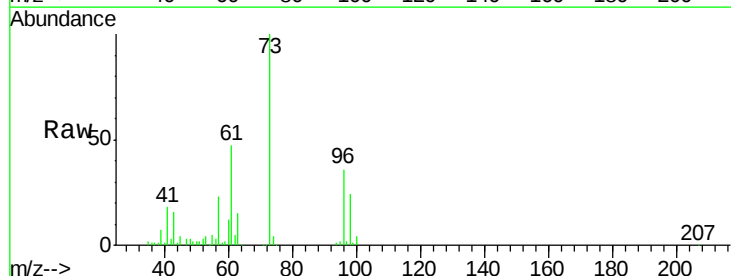
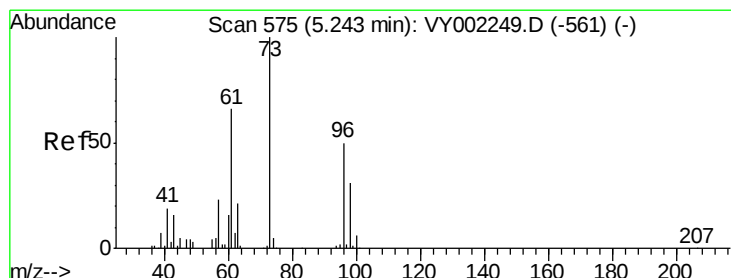
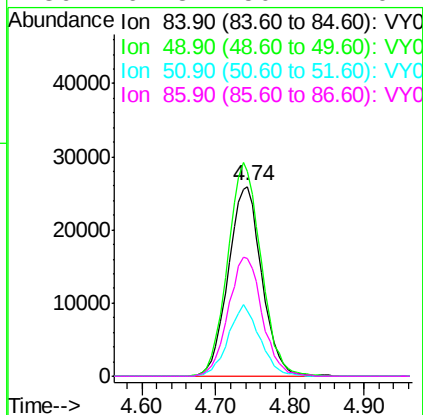
#20
Methvlene Chloride
Concen: 62.518 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tot Ion:	84	Resp:	81940
Ion	Ratio	Lower	Upper
84	100		
49	108.0	95.5	143.3
51	34.5	29.5	44.3
86	61.8	50.7	76.1

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

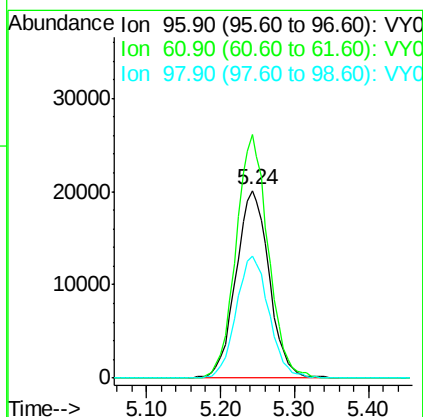
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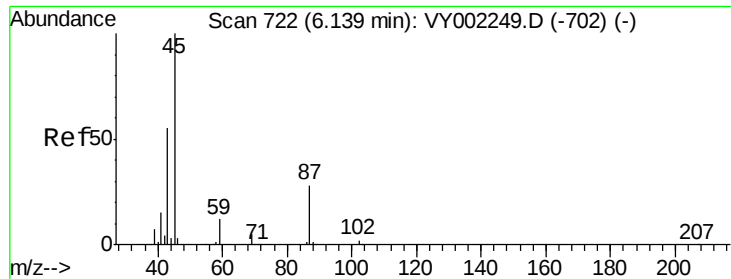
MMDadoda
4/17/2020 11:52:20 AM



#21
trans-1,2-Dichloroethene
Concen: 51.103 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion:	96	Resp:	63056
Ion	Ratio	Lower	Upper
96	100		
61	129.8	104.6	157.0
98	65.3	50.1	75.1





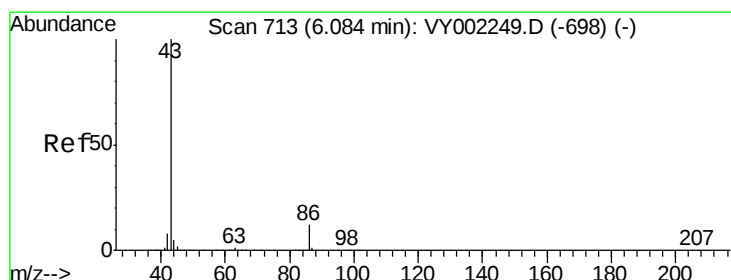
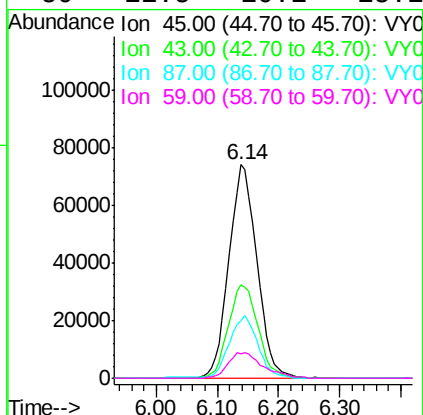
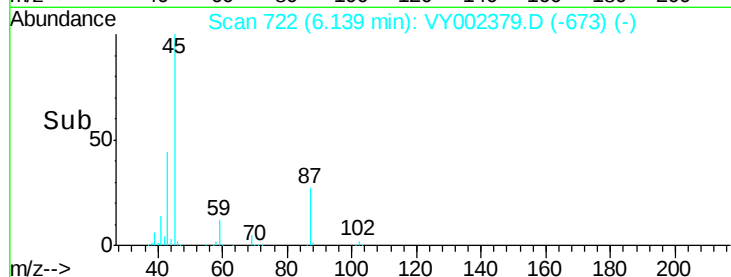
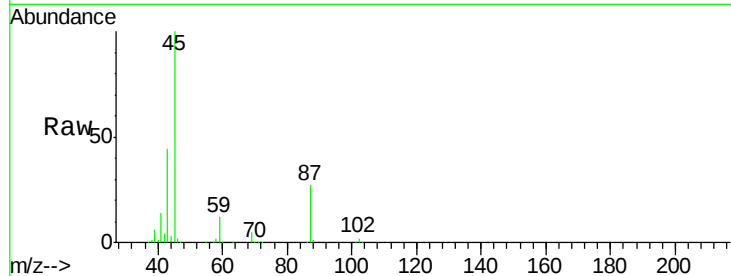
#22
Diisopropyl ether
Concen: 65.742 ug/l
RT: 6.14 min Scan# 722
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
45	100		234858		
43	43.8	44.7	67.1#		
87	27.2	23.0	34.4		
59	11.5	10.1	15.1		

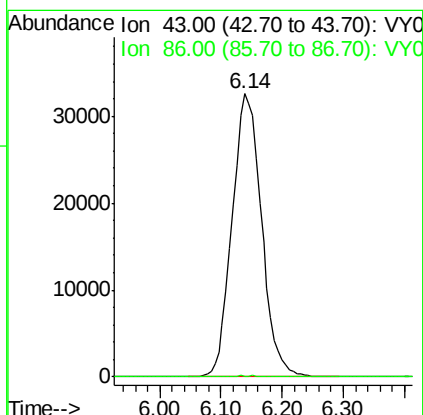
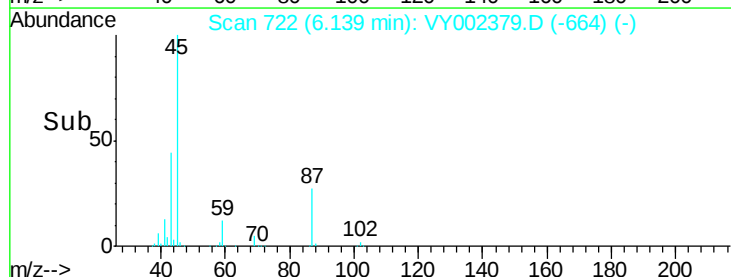
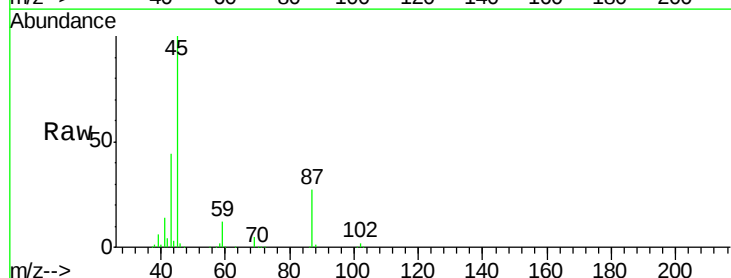
Manual Integrations
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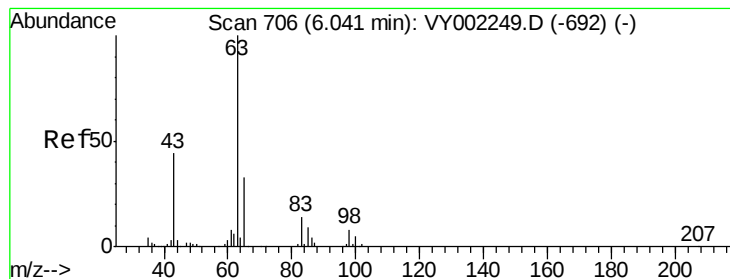
MMDadoda
4/17/2020 11:52:20 AM



#23
Vinyl Acetate
Concen: 47.614 ug/l
RT: 6.14 min Scan# 722
Delta R.T. 0.05 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		108396		
86	0.3	9.2	13.8#		





#24

1,1-Dichloroethane

Concen: 61.719 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

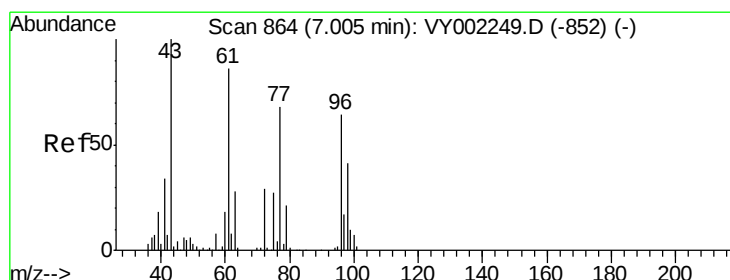
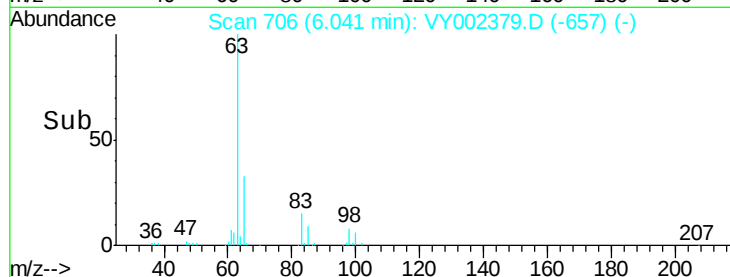
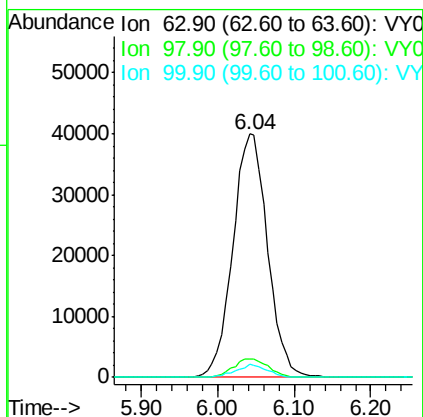
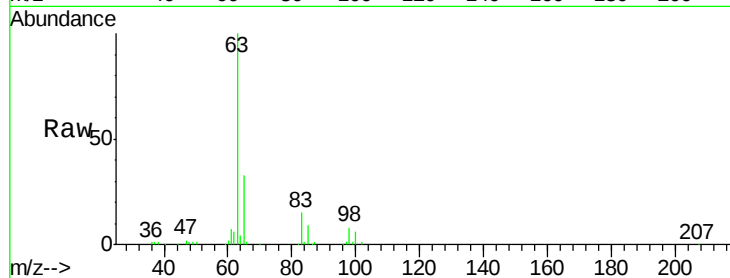
ClientSampled :

BG-4MSD

Tot Ion:	63	Resp:	125412
Ion Ratio	Lower	Upper	
63	100		
98	7.6	4.0	12.0
100	5.5	2.4	7.1

Manual Integrations
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4/17/2020 11:52:20 AM



#25

2-Butanone

Concen: 247.994 ug/l

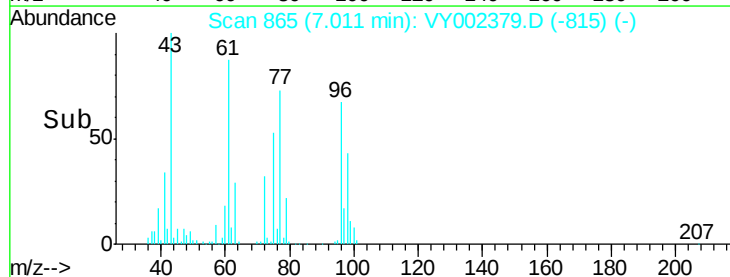
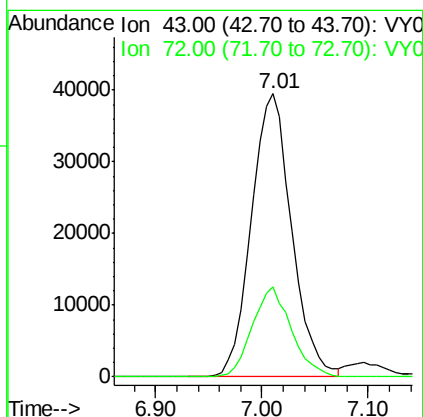
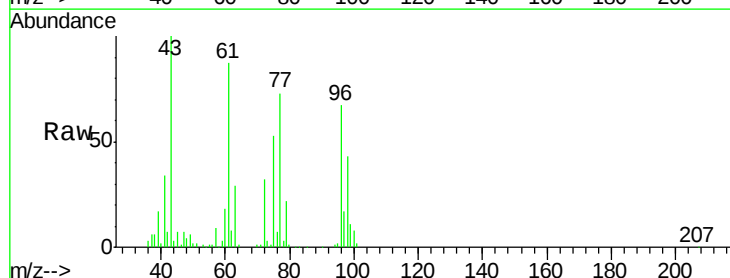
RT: 7.01 min Scan# 865

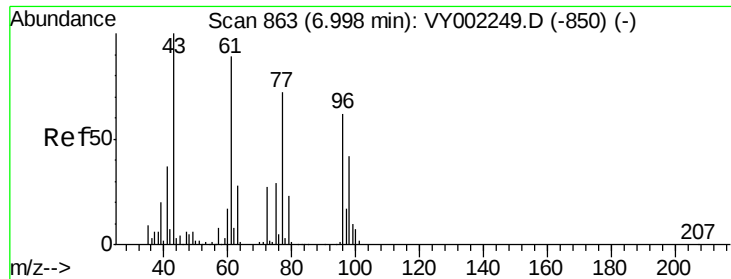
Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion:	43	Resp:	104654
Ion Ratio	Lower	Upper	
43	100		
72	31.9	23.2	34.8





#26

2,2-Dichloropropane

Concen: 53.998 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion: 77 Resp: 91784

Ion Ratio Lower Upper

77 100

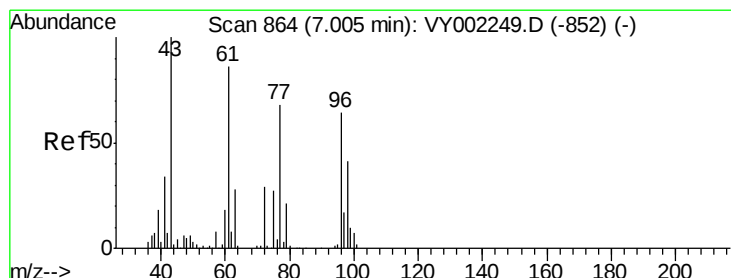
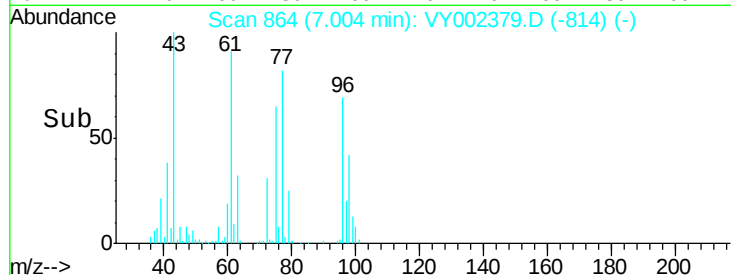
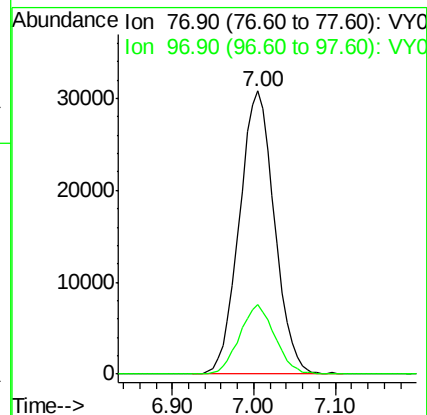
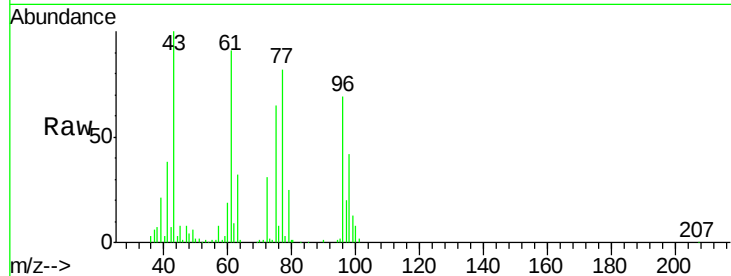
97 24.6 12.2 36.6

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#27

cis-1,2-Dichloroethene

Concen: 54.073 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

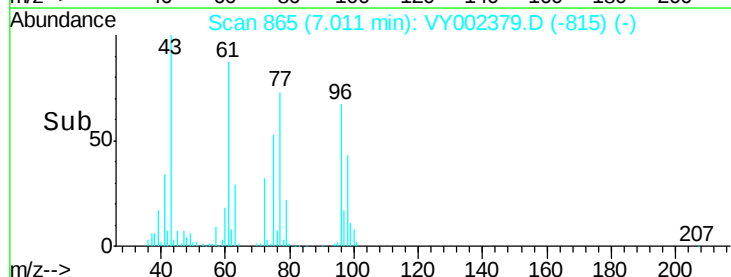
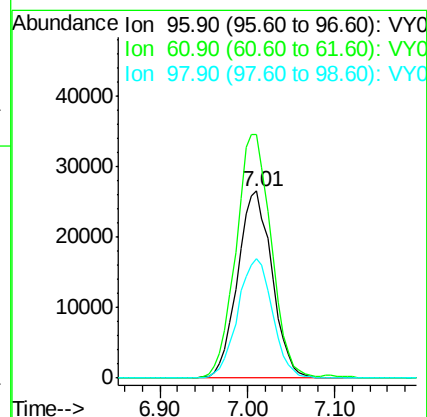
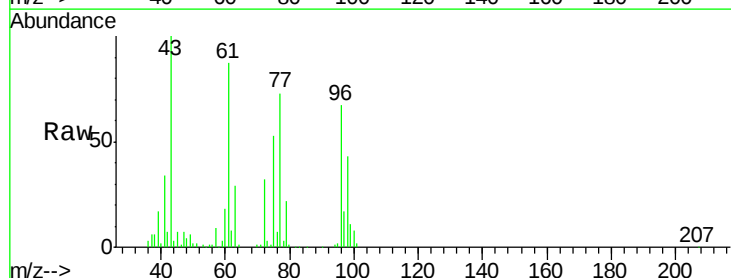
Tgt Ion: 96 Resp: 72732

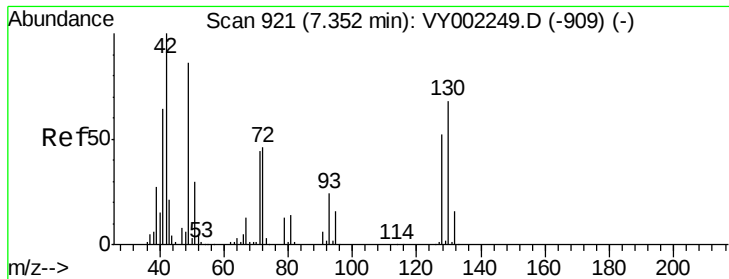
Ion Ratio Lower Upper

96 100

61 133.3 0.0 278.0

98 64.3 0.0 128.6





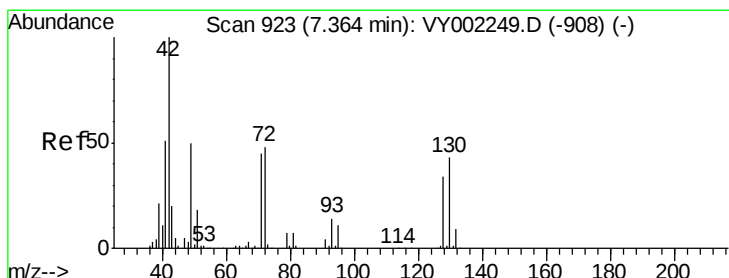
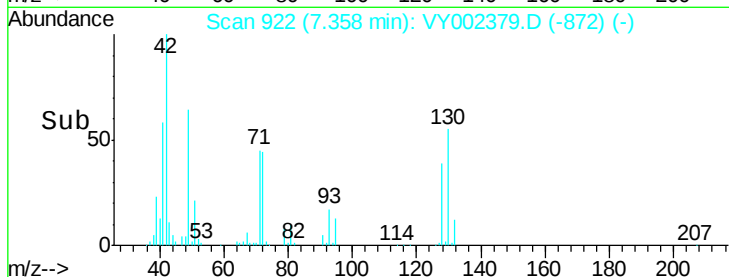
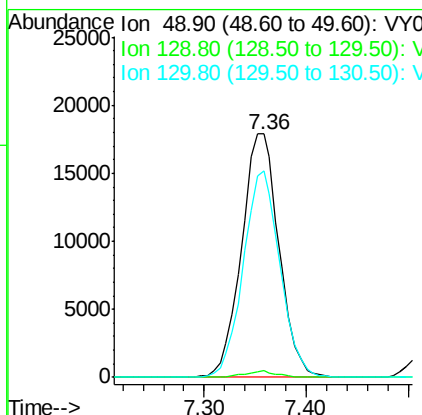
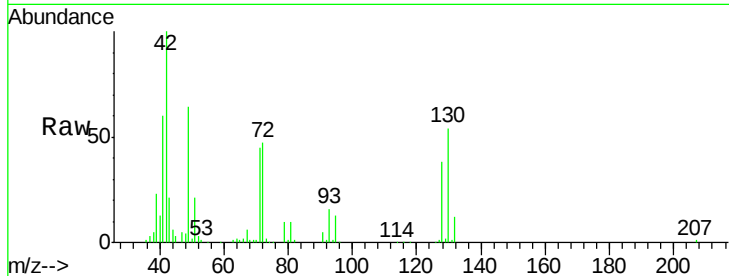
#28
Bromochloromethane
Concen: 52.003 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampled :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	83.2	60.9	91.3

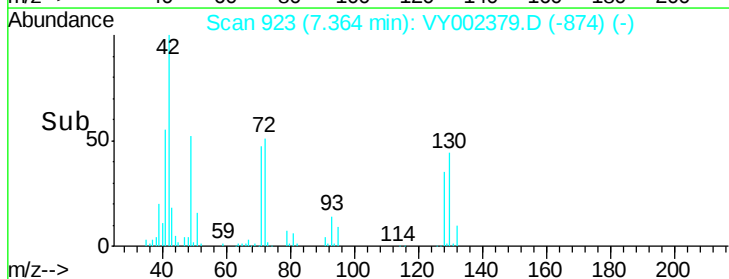
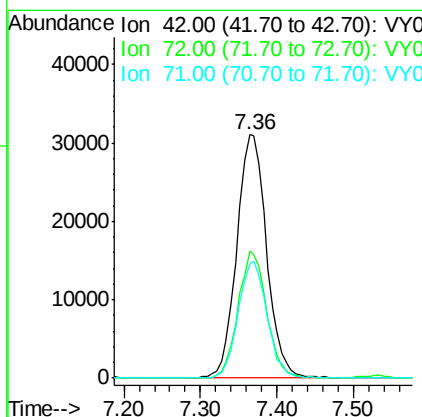
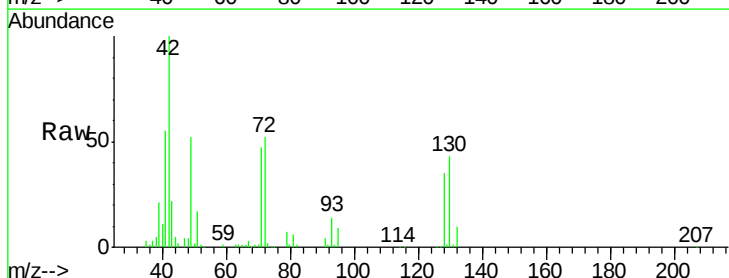
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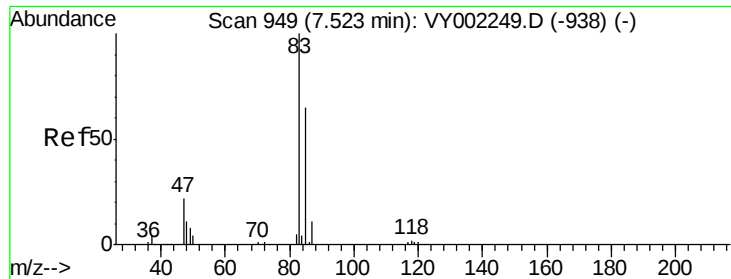
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#29
Tetrahydrofuran
Concen: 301.323 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.8	36.7	55.1
71	46.4	34.7	52.1





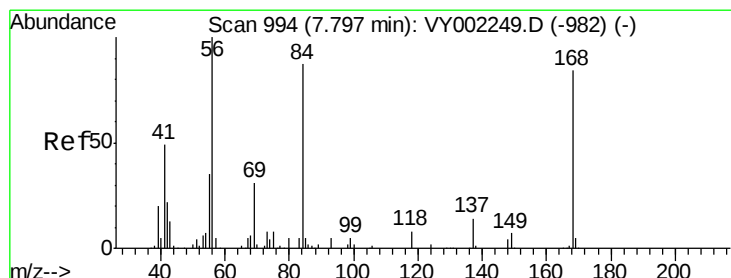
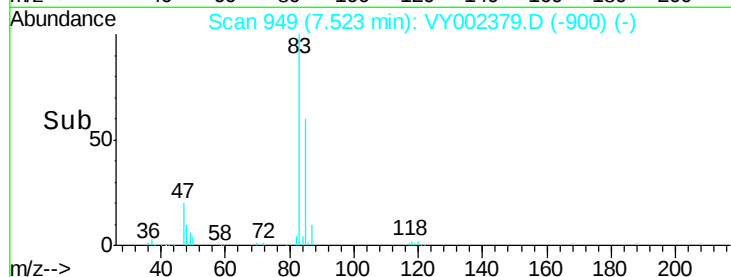
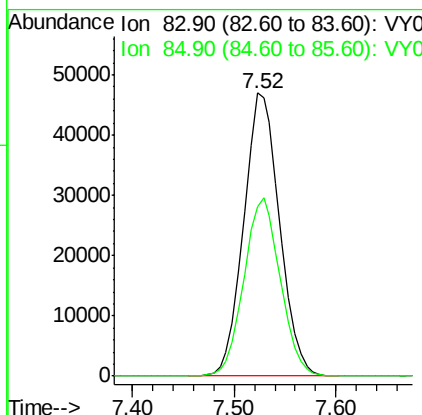
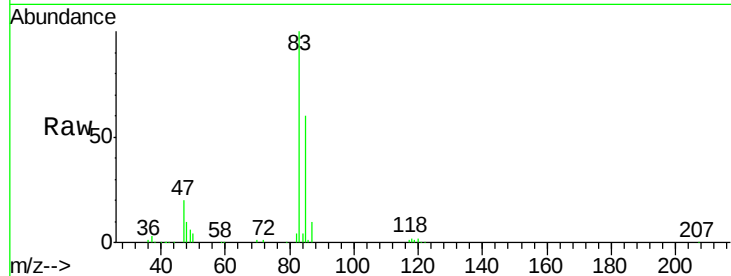
#30
Chloroform
Concen: 59.998 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampled :
BG-4MSD

Tot Ion: 83 Resp: 114923
Ion Ratio Lower Upper
83 100
85 60.1 52.0 78.0

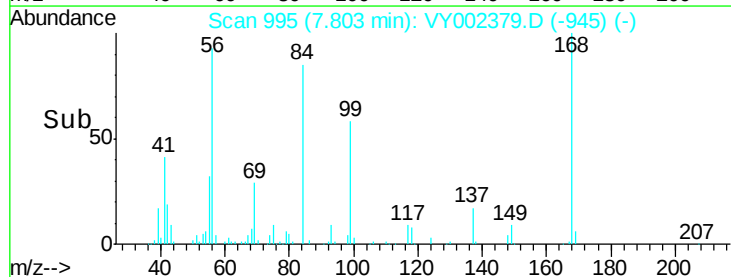
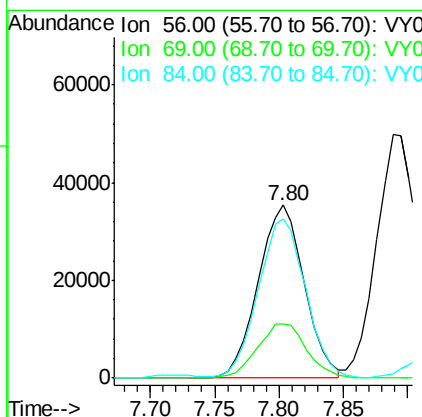
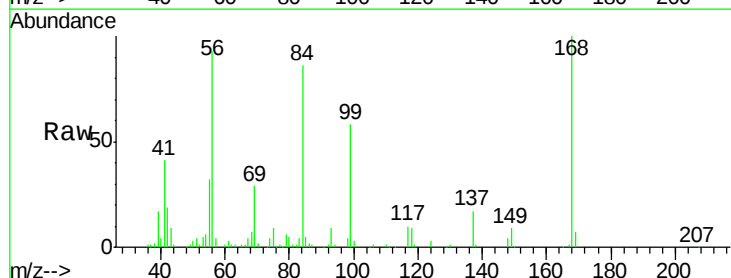
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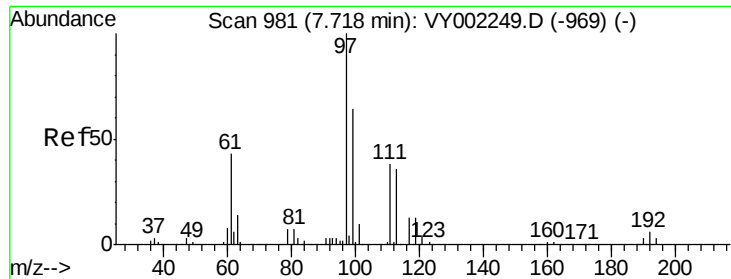
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#31
Cyclohexane
Concen: 41.204 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 56 Resp: 87886
Ion Ratio Lower Upper
56 100
69 31.4 25.0 37.6
84 90.7 69.7 104.5





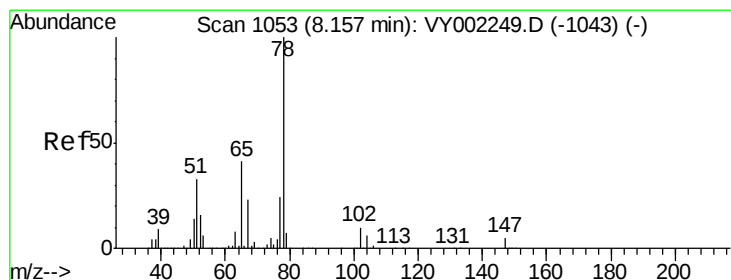
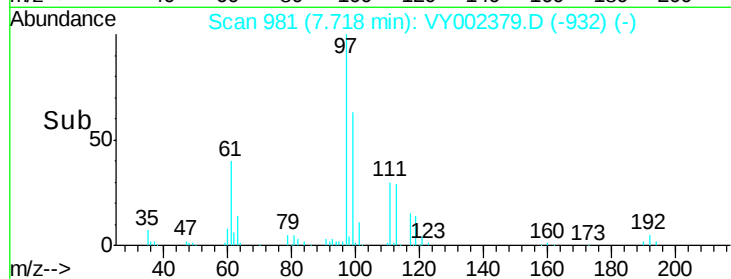
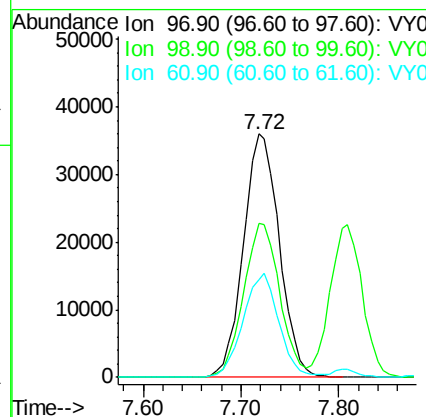
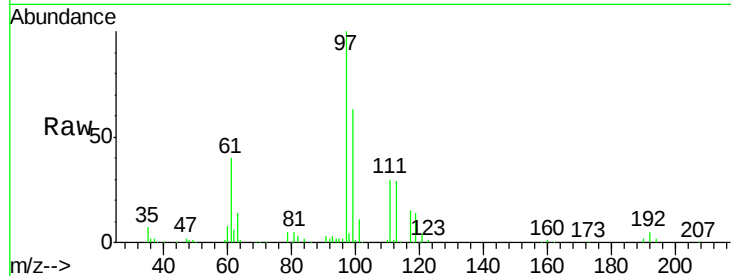
#32
 1,1,1-Trichloroethane
 Concen: 57.476 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	42.6	34.3	51.5

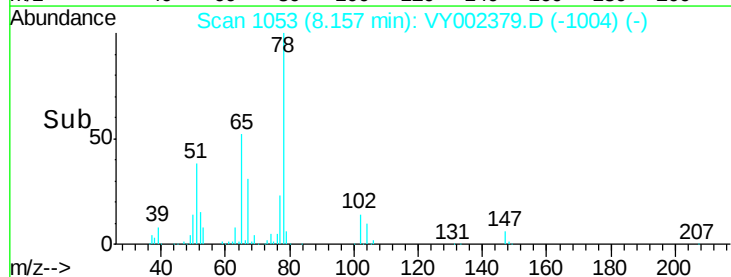
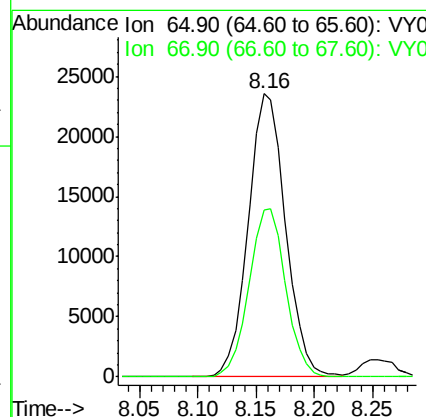
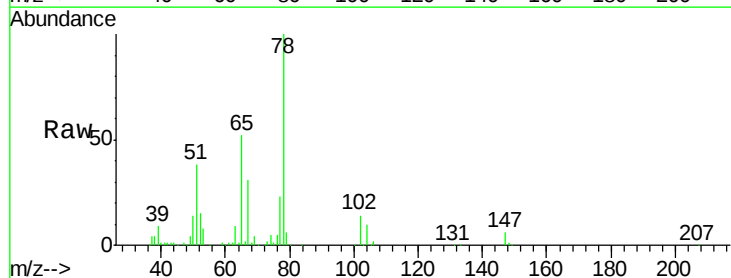
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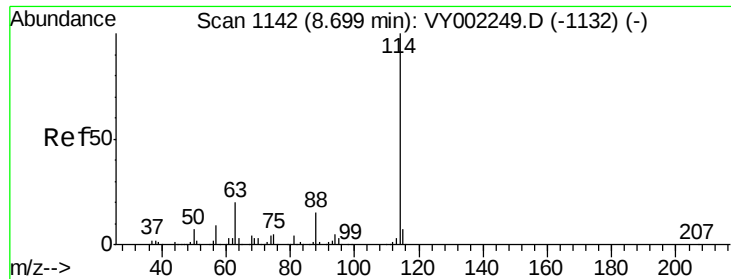
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#33
 1,2-Dichloroethane-d4
 Concen: 51.889 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	58.3	0.0	114.0





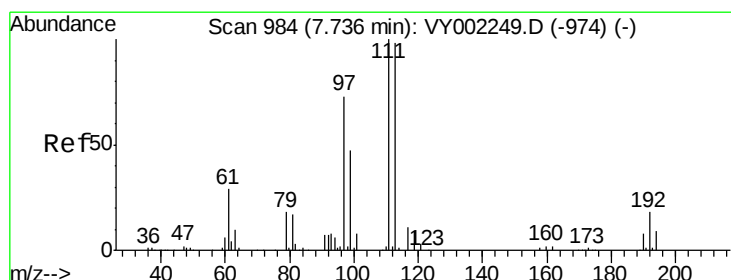
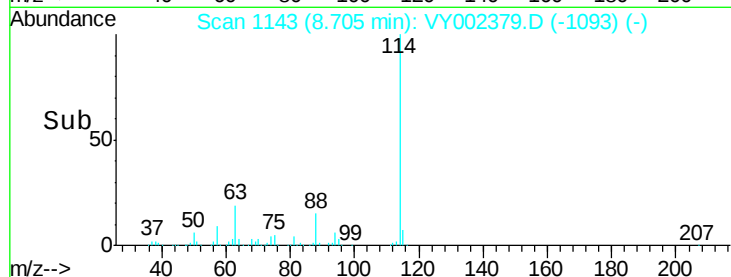
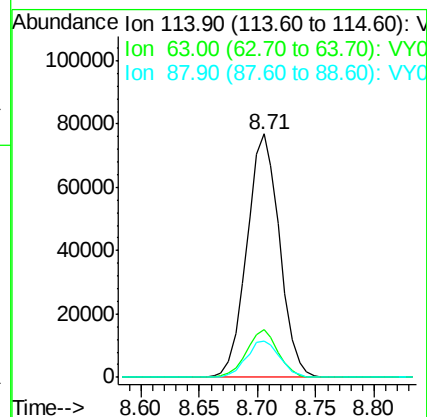
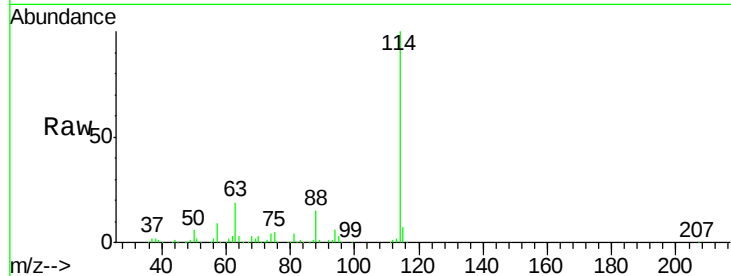
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.4	0.0	39.0
88	14.8	0.0	31.0

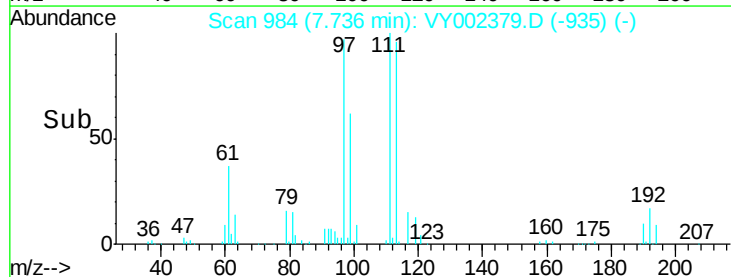
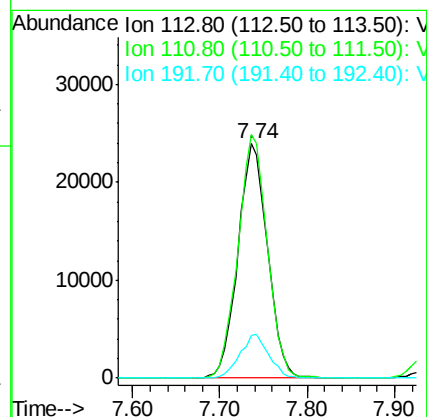
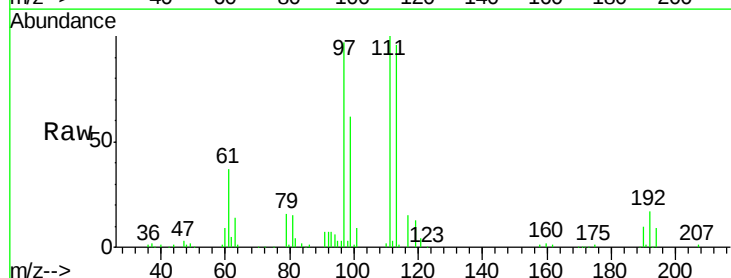
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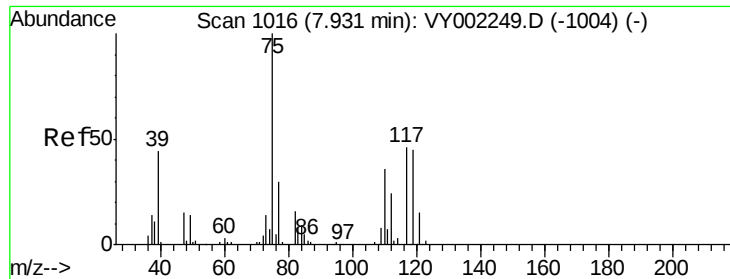
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#35
 Dibromofluoromethane
 Concen: 63.276 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.9	83.5	125.3
192	18.1	14.7	22.1





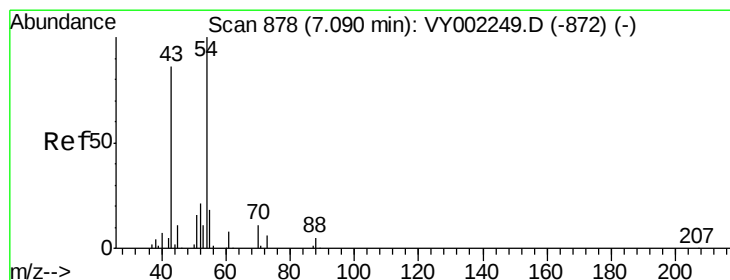
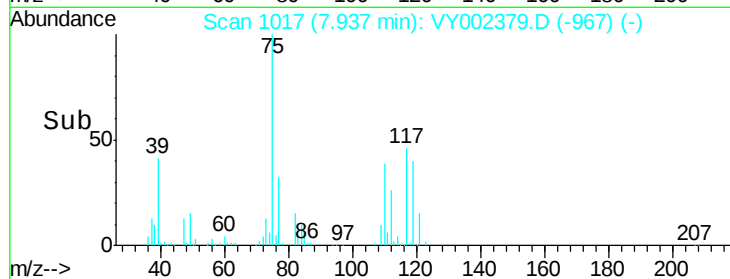
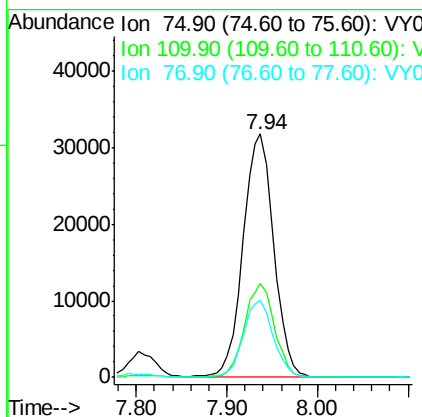
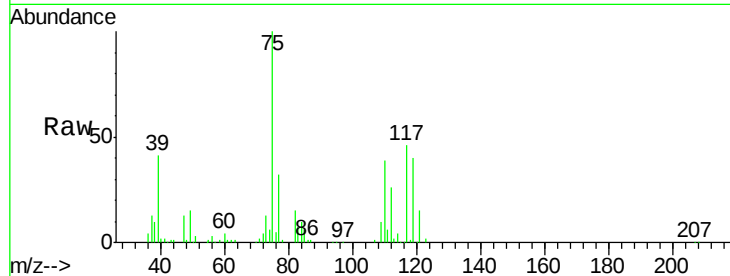
#36
 1,1-Dichloropropene
 Concen: 50.489 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.3	17.8	53.3
77	31.1	24.4	36.6

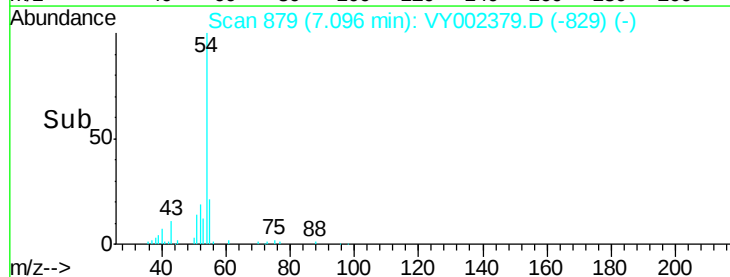
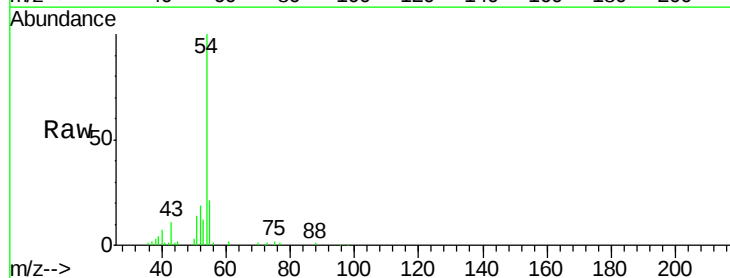
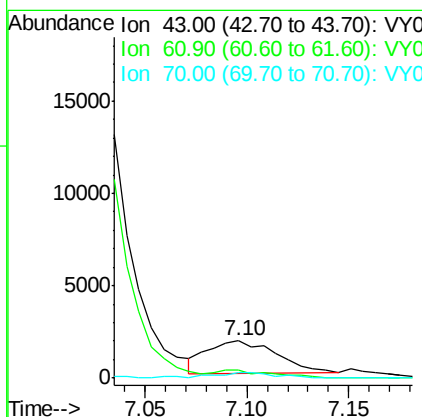
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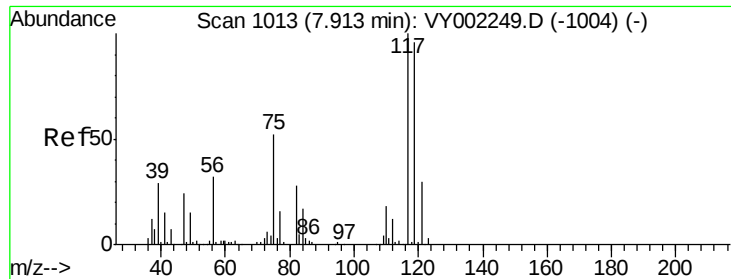
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#37
 Ethyl Acetate
 Concen: 4.919 ug/l
 RT: 7.10 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	14.0	9.1	13.7#





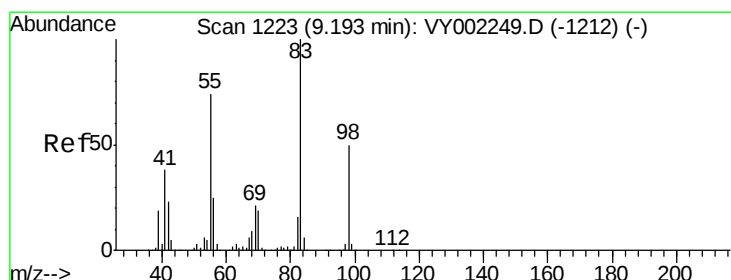
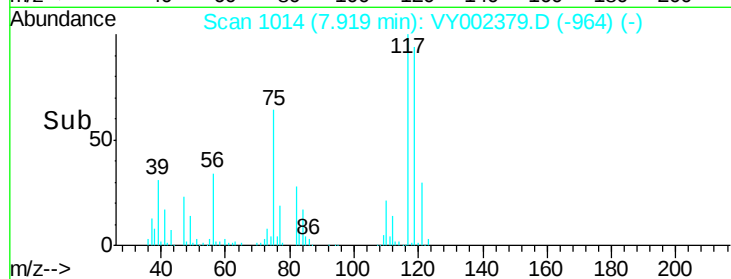
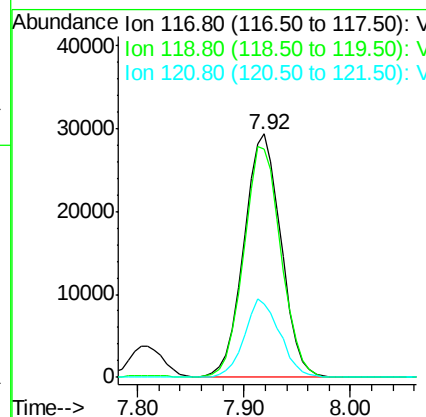
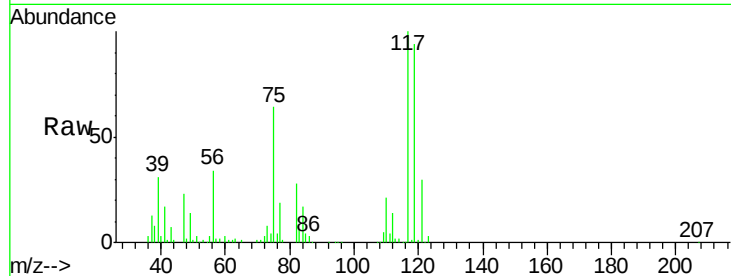
#38
Carbon Tetrachloride
Concen: 56.887 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.1	115.7
121	30.4	23.9	35.9

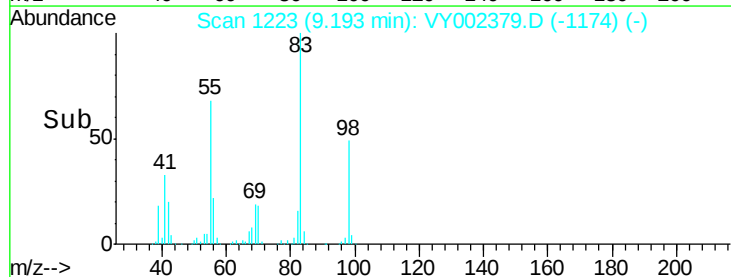
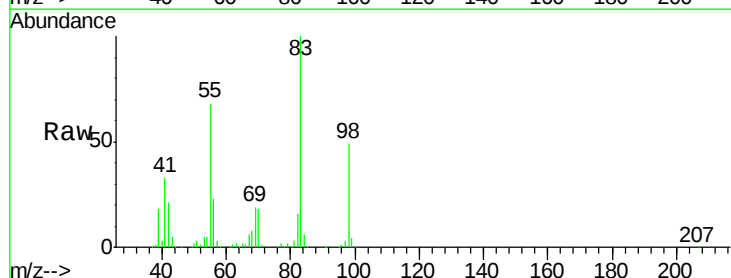
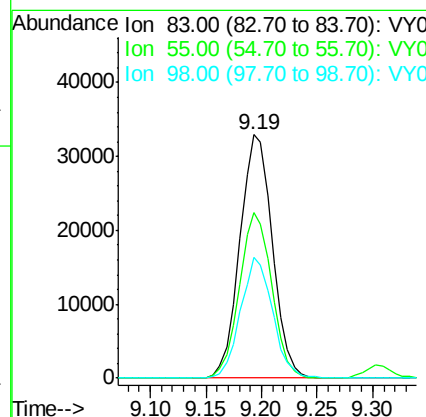
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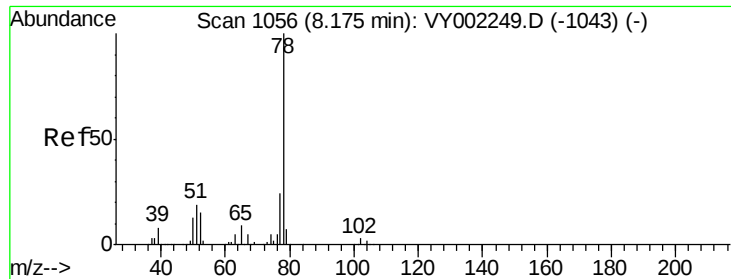
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#39
Methylcyclohexane
Concen: 33.177 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.1	59.3	88.9
98	49.5	39.6	59.4





#40

Benzene

Concen: 60.310 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampled :

BG-4MSD

Tot Ion: 78 Resp: 270162

Ion Ratio Lower Upper

78 100

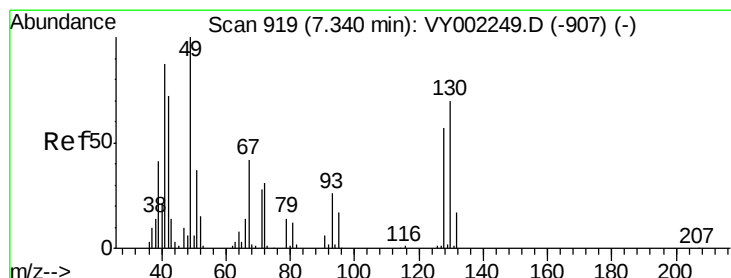
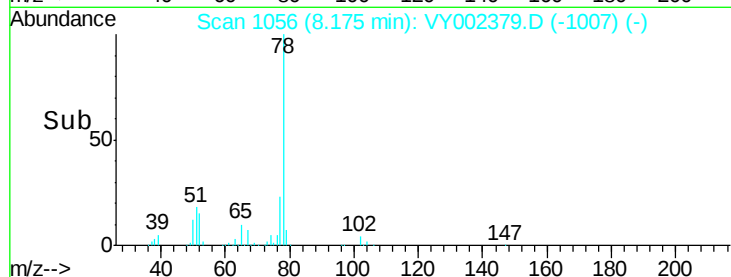
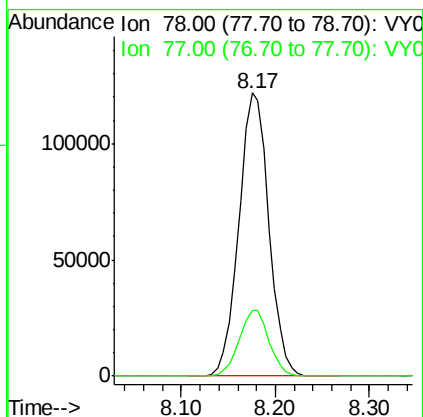
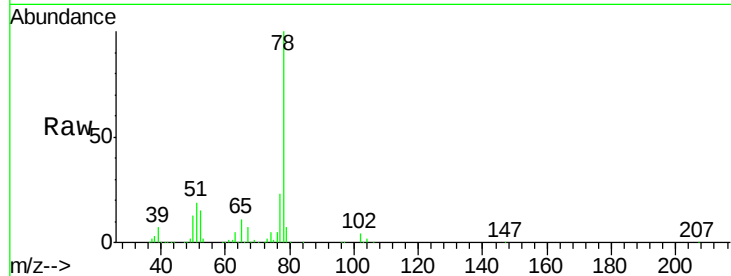
77 23.1 18.9 28.3

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#41

Methacrylonitrile

Concen: 37.932 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. 0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion: 41 Resp: 18874

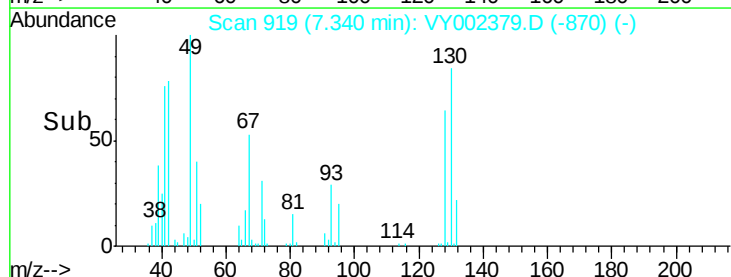
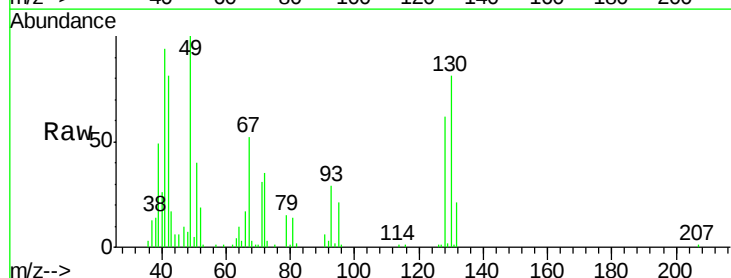
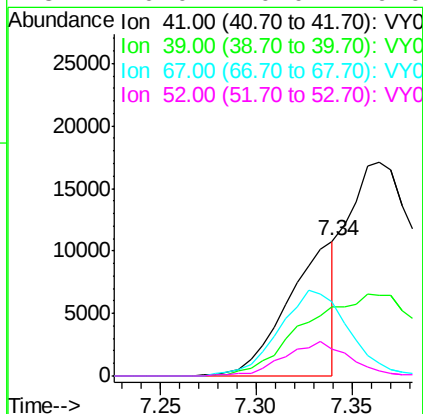
Ion Ratio Lower Upper

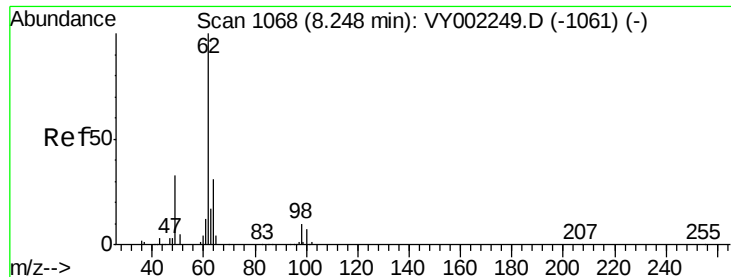
41 100

39 143.0 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 58.530 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion: 62 Resp: 64948

Ion Ratio Lower Upper

62 100

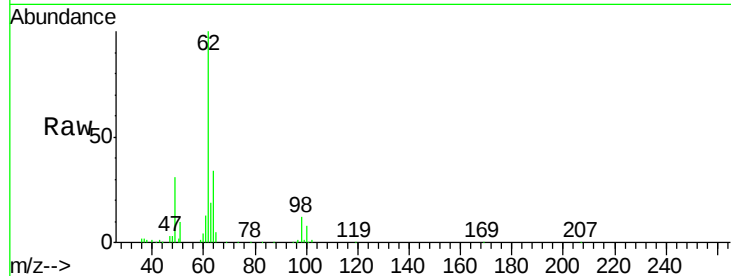
98 12.7 0.0 22.6

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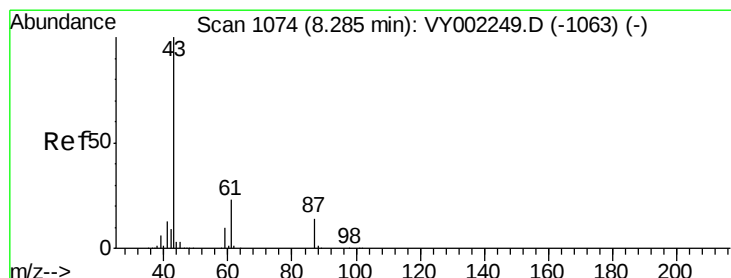
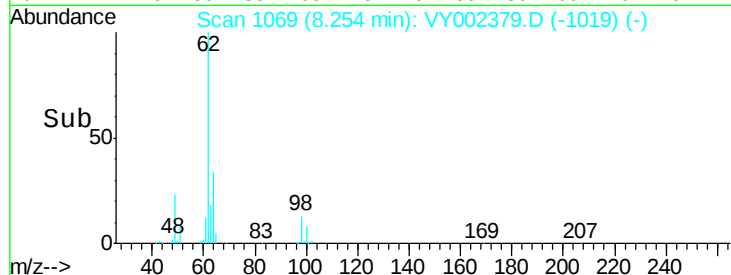
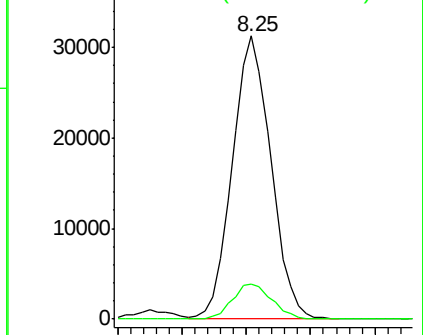
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Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#43

Isopropyl Acetate

Concen: 11.734 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

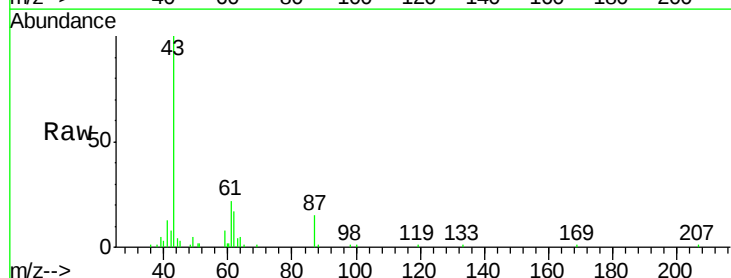
Tgt Ion: 43 Resp: 18051

Ion Ratio Lower Upper

43 100

61 0.0 24.9 37.3#

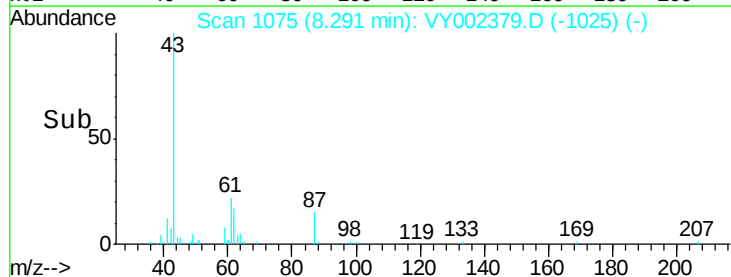
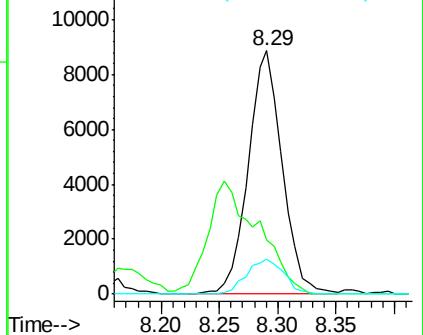
87 15.8 11.7 17.5

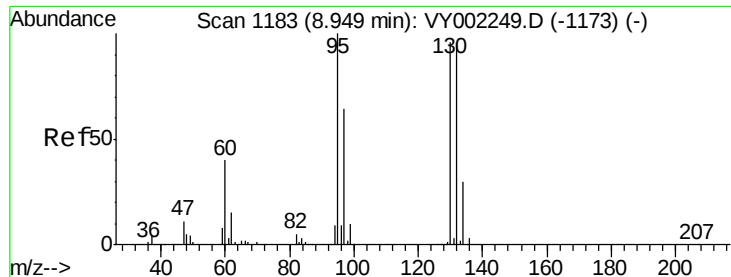


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#44

Trichloroethene

Concen: 49.534 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion:130 Resp: 65236

Ion Ratio Lower Upper

130 100

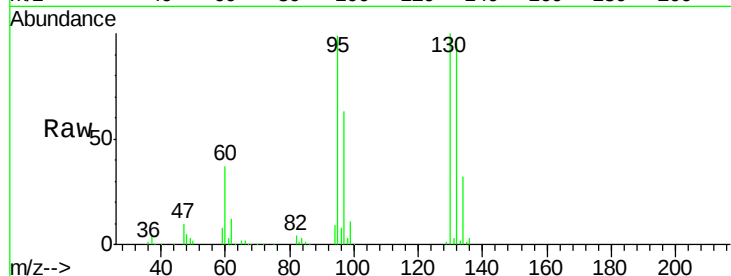
95 99.2 0.0 208.2

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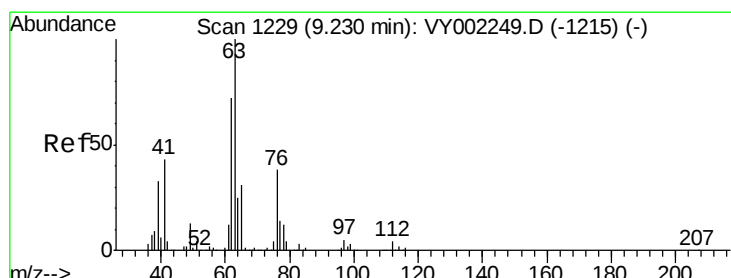
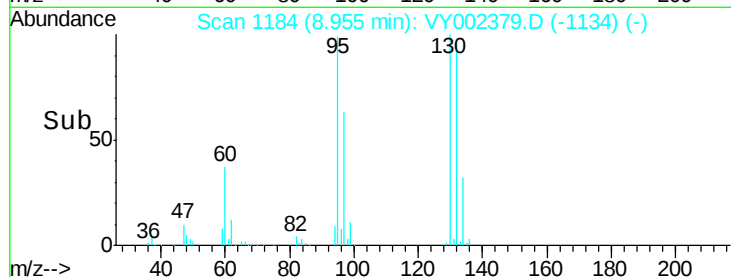


Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)

8.96

Time-->



#45

1,2-Dichloropropane

Concen: 64.116 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002379.D

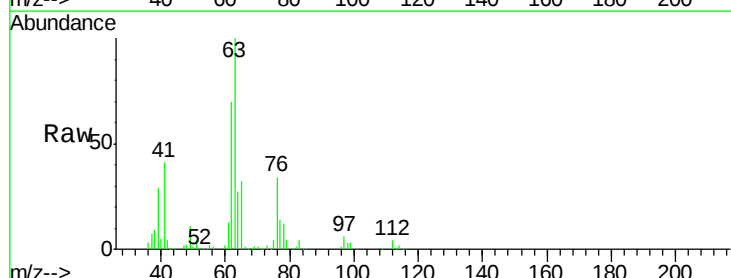
Acq: 16 Apr 2020 19:44

Tgt Ion: 63 Resp: 71262

Ion Ratio Lower Upper

63 100

65 32.4 24.6 37.0

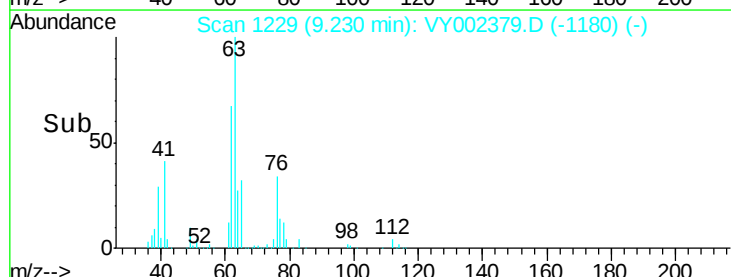


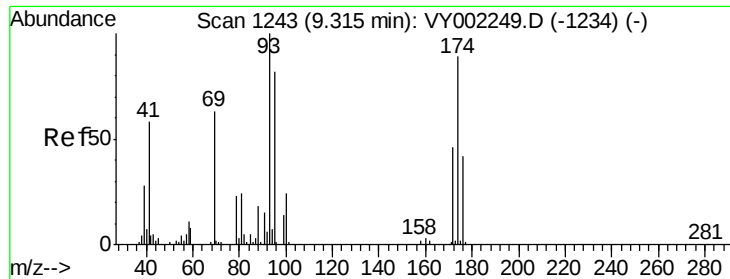
Abundance Ion 62.90 (62.60 to 63.60): VY002249.D (-1215) (-)

Ion 64.90 (64.60 to 65.60): VY002249.D (-1215) (-)

9.23

Time-->





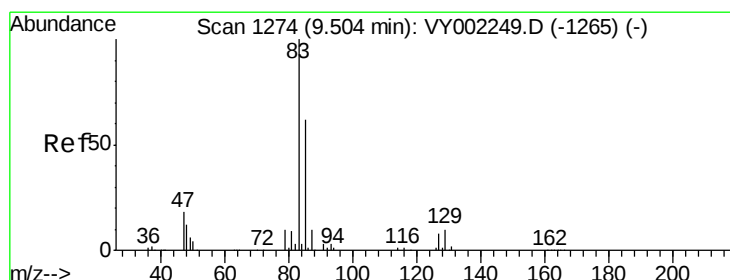
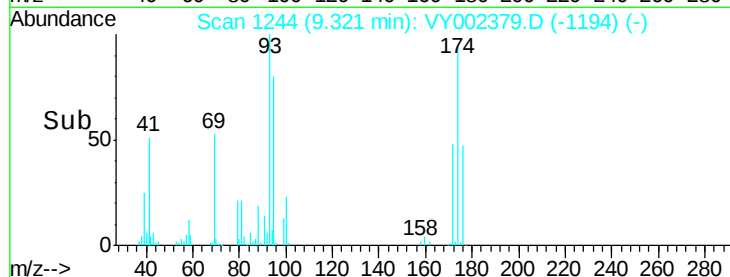
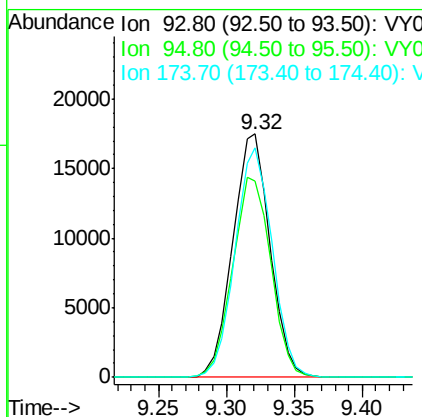
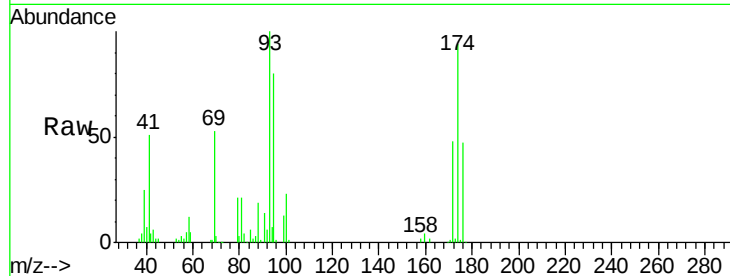
#46
Dibromomethane
Concen: 57.421 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion: 93 Resp: 33369
Ion Ratio Lower Upper
93 100
95 84.5 67.3 100.9
174 94.4 72.5 108.7

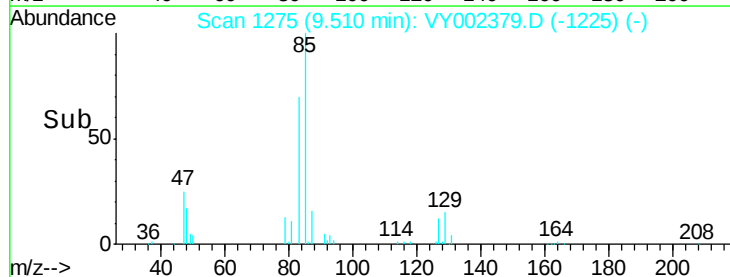
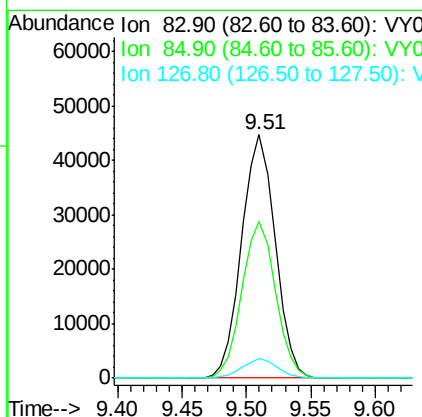
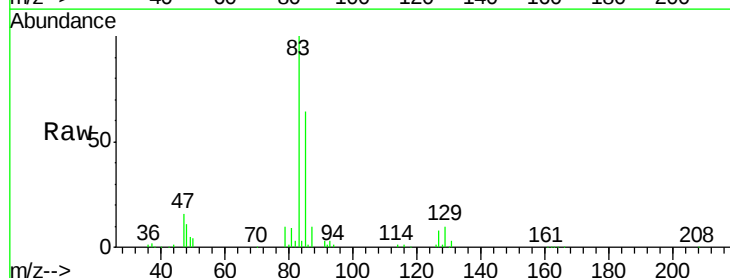
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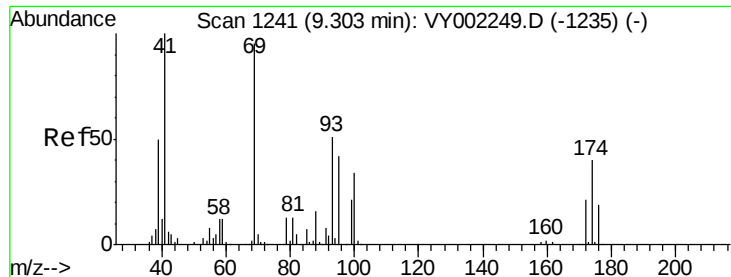
MMDadoda
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#47
Bromodichloromethane
Concen: 60.632 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 83 Resp: 80848
Ion Ratio Lower Upper
83 100
85 64.4 49.7 74.5
127 7.9 6.2 9.4





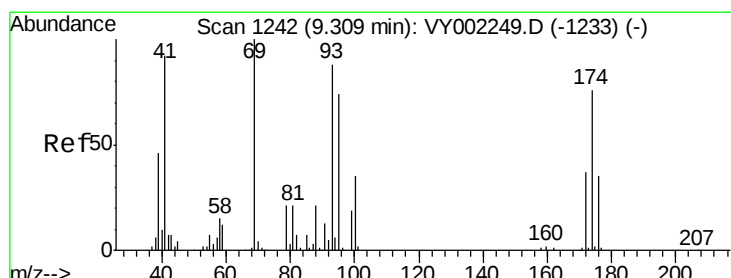
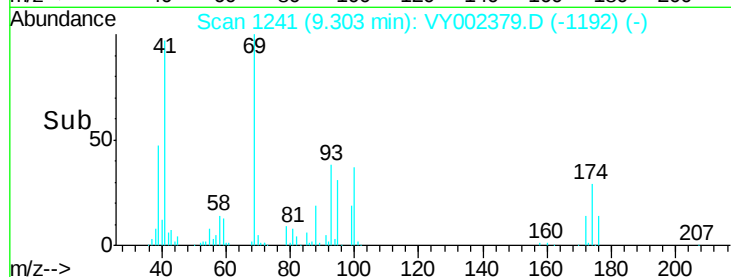
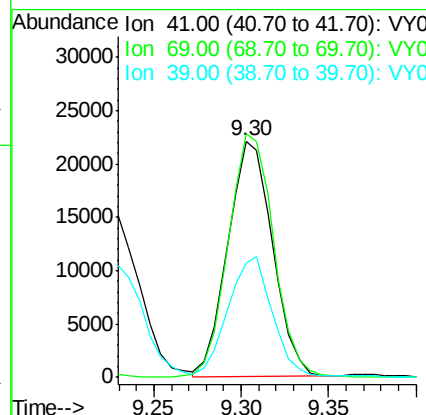
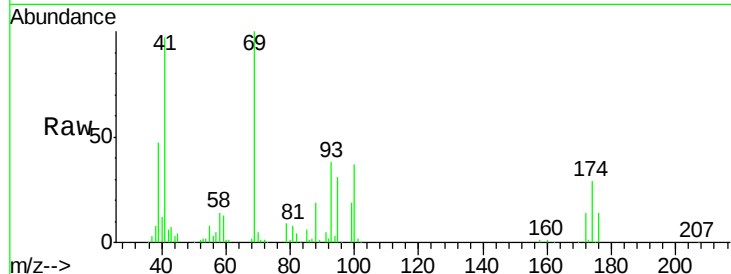
#48
Methvl methacrylate
Concen: 56.552 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
41	100		
69	105.6	76.7	115.1
39	50.1	40.5	60.7

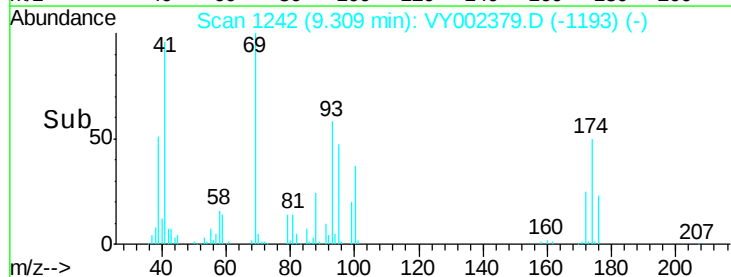
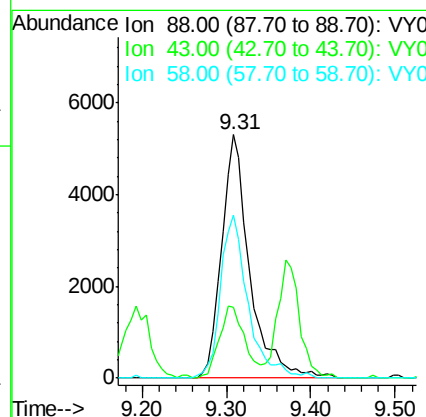
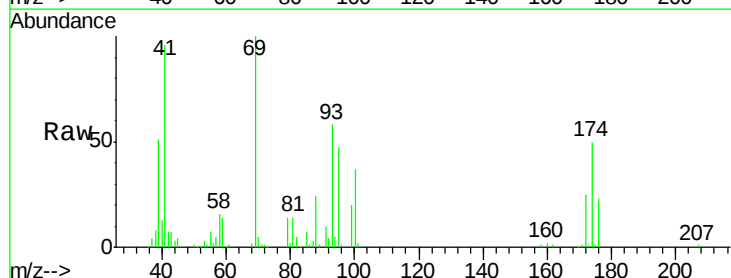
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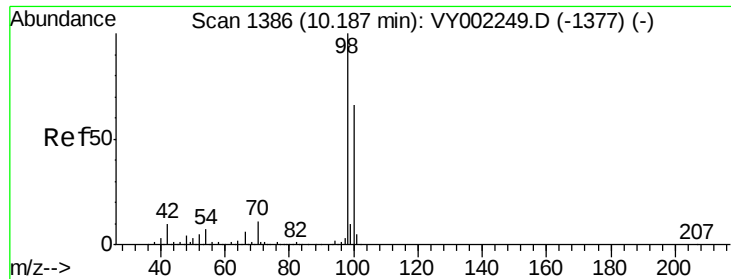
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#49
1,4-Dioxane
Concen: 1483.987 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.0	22.2	33.2
58	65.4	57.6	86.4





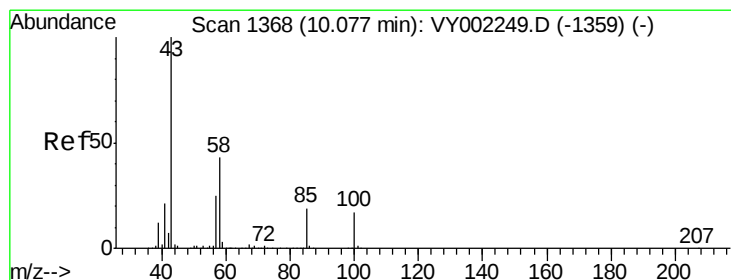
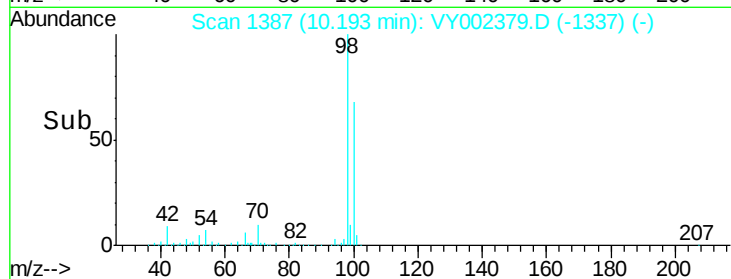
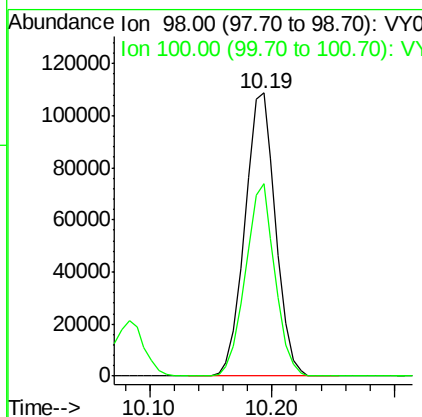
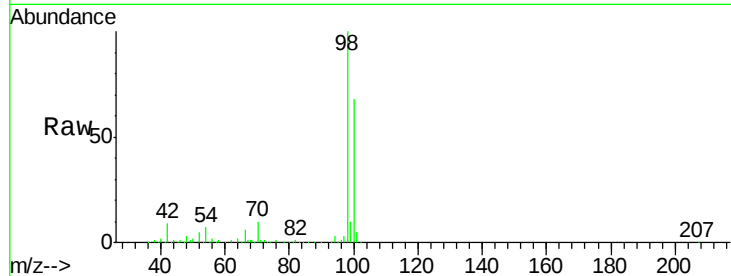
#50
Toluene-d8
Concen: 50.602 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100	65.1	52.6	78.8	

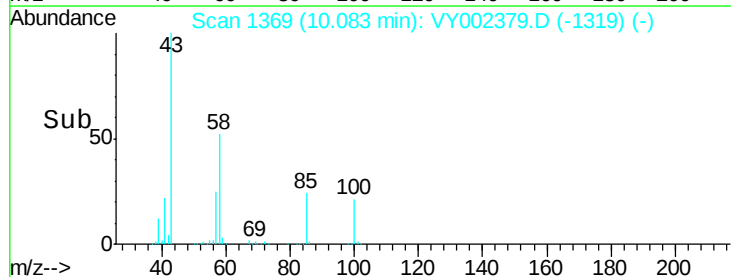
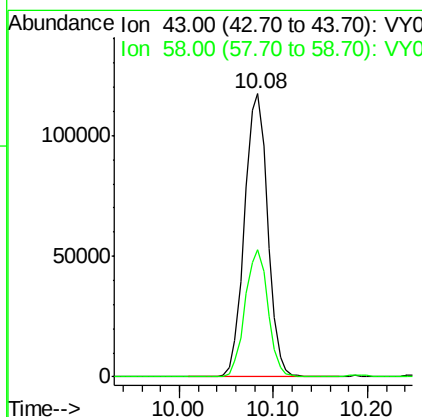
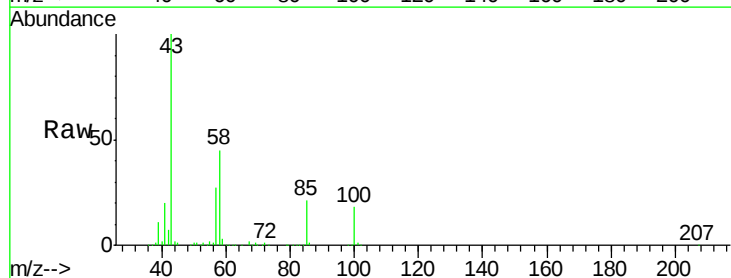
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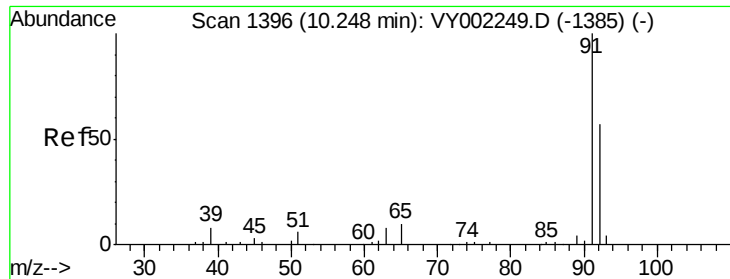
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#51
4-Methyl-2-Pentanone
Concen: 252.917 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100	44.4	33.8	50.8	





#52

Toluene

Concen: 51.660 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion: 92 Resp: 139461

Ion Ratio Lower Upper

92 100

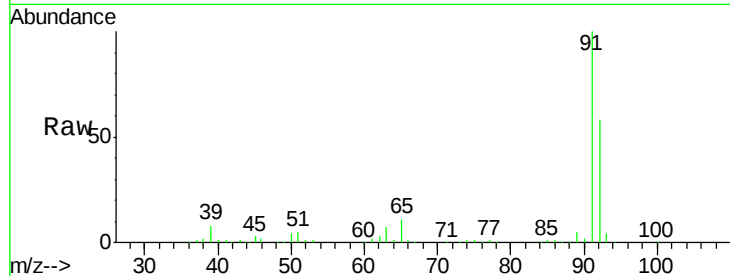
91 172.3 139.0 208.6

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Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

150000

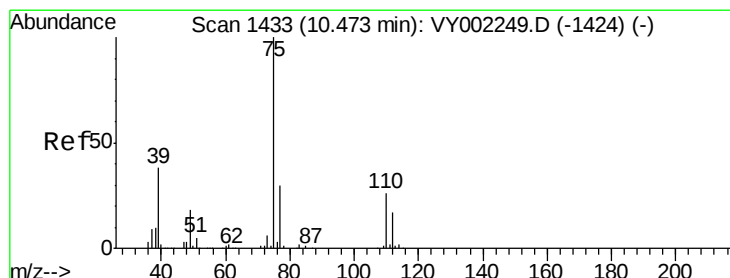
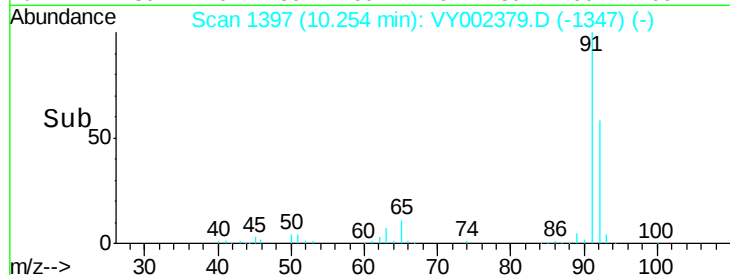
100000

50000

0

10.25

Time-->



#53

t-1,3-Dichloropropene

Concen: 44.531 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002379.D

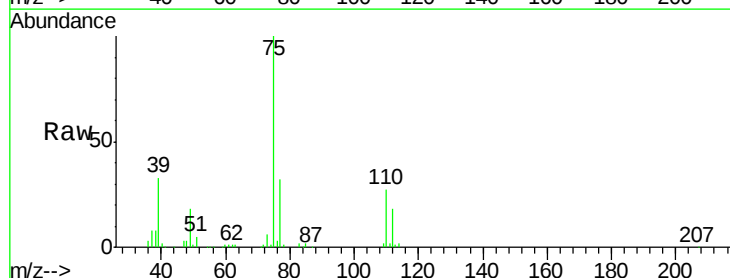
Acq: 16 Apr 2020 19:44

Tgt Ion: 75 Resp: 64696

Ion Ratio Lower Upper

75 100

77 32.1 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

40000

30000

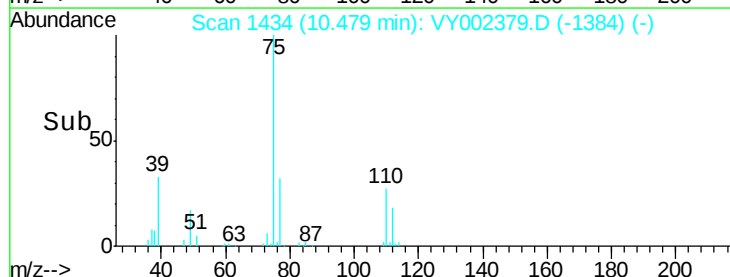
20000

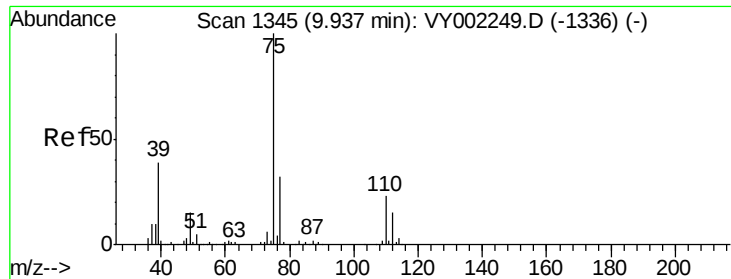
10000

0

10.48

Time-->





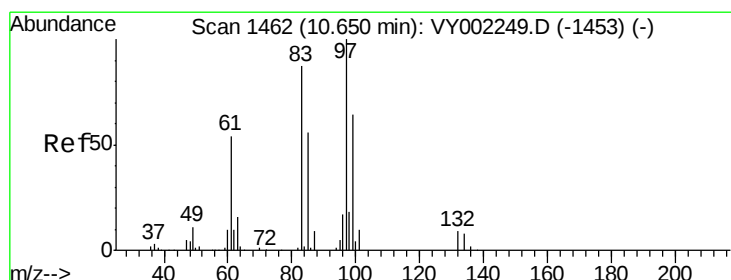
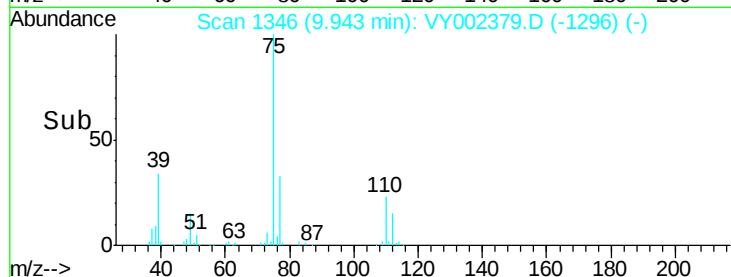
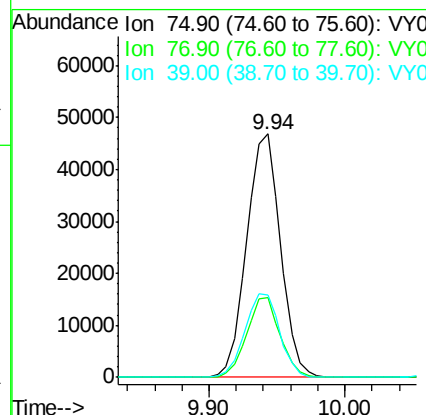
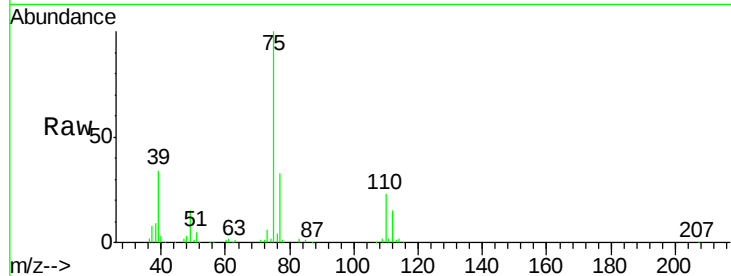
#54
 cis-1,3-Dichloropropene
 Concen: 46.682 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.8	38.8
39	33.7	30.8	46.2

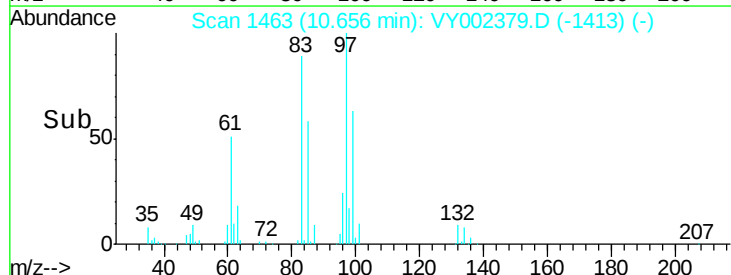
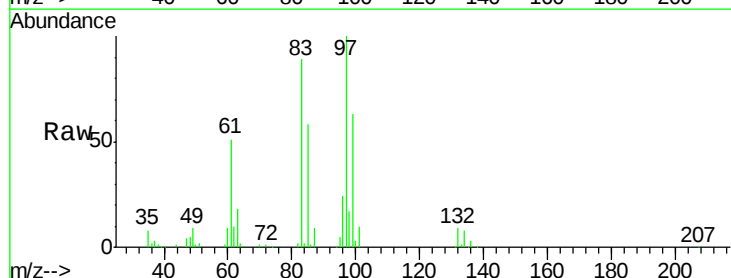
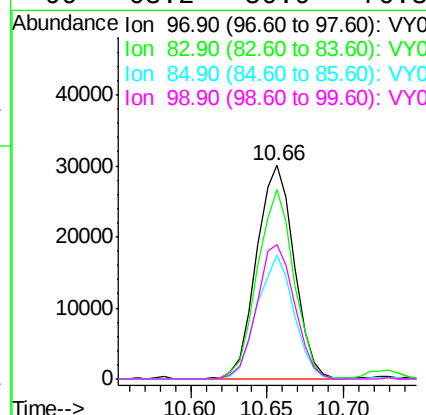
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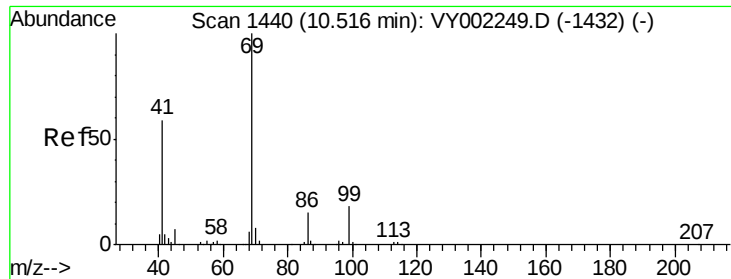
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#55
 1,1,2-Trichloroethane
 Concen: 60.491 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.5	104.3
85	58.3	45.2	67.8
99	63.2	50.9	76.3





#56

Ethyl methacrylate

Concen: 4.553 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

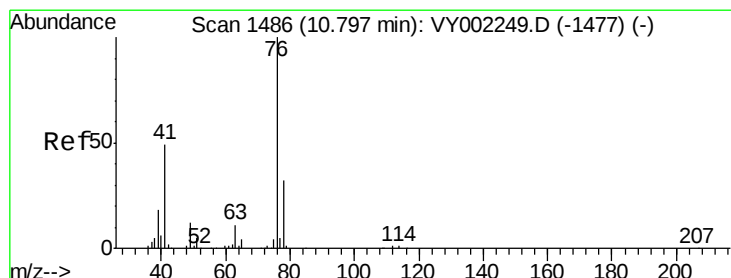
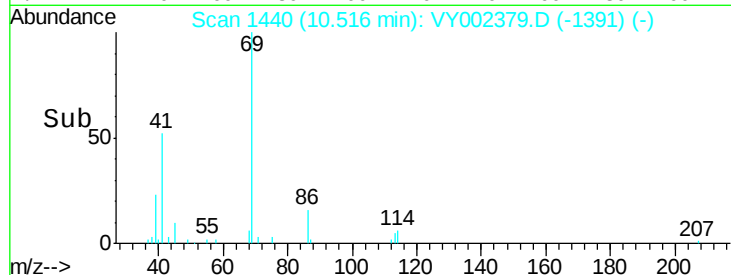
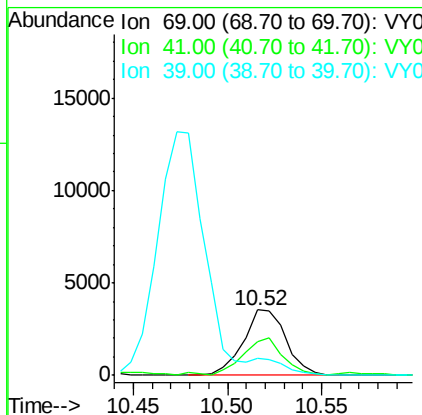
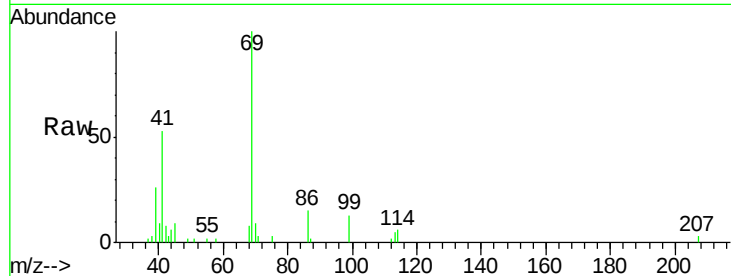
ClientSampleId :

BG-4MSD

Tot Ion:	69	Resp:	5529
Ion	Ratio	Lower	Upper
69	100		
41	54.3	47.9	71.9
39	0.0	23.8	35.6#

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#57

1,3-Dichloropropane

Concen: 57.763 ug/l

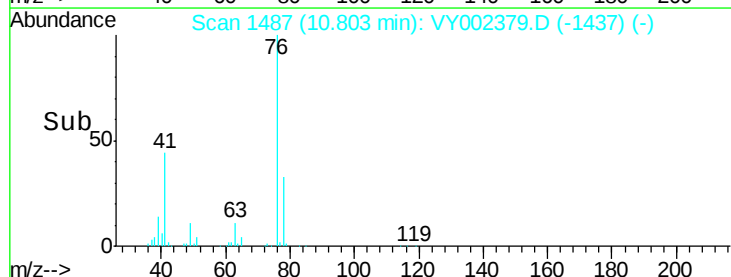
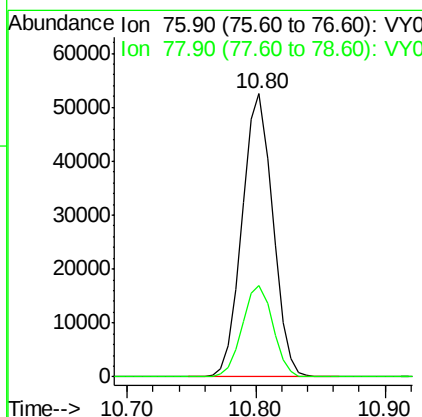
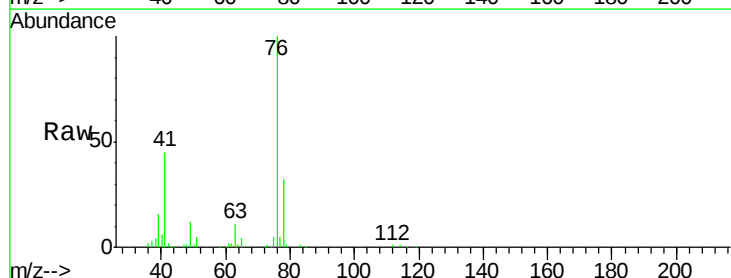
RT: 10.80 min Scan# 1487

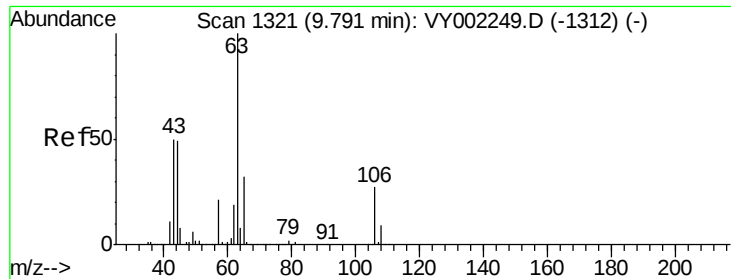
Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion:	76	Resp:	86382
Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6





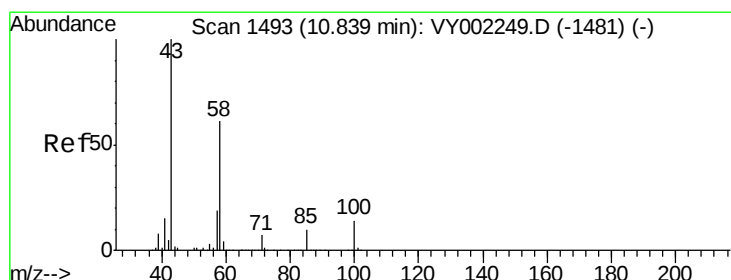
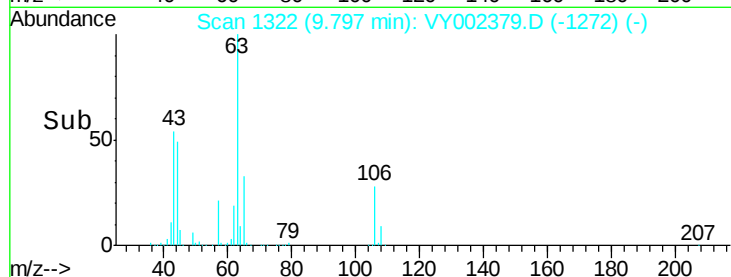
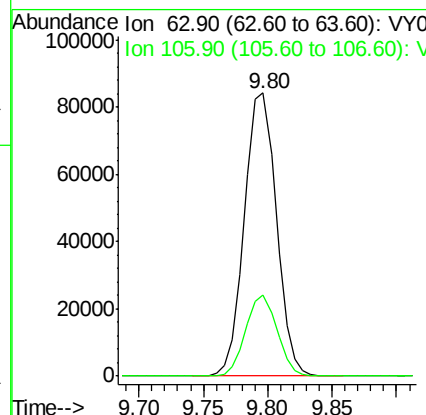
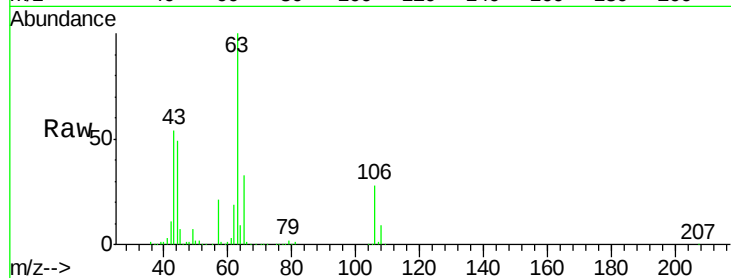
#58
 2-Chloroethyl Vinyl ether
 Concen: 230.276 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion: 63 Resp: 144803
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.2 33.2

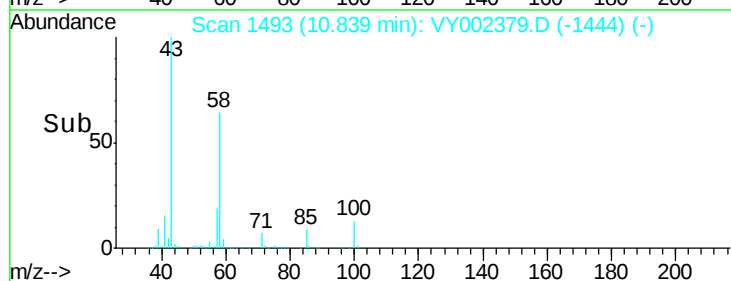
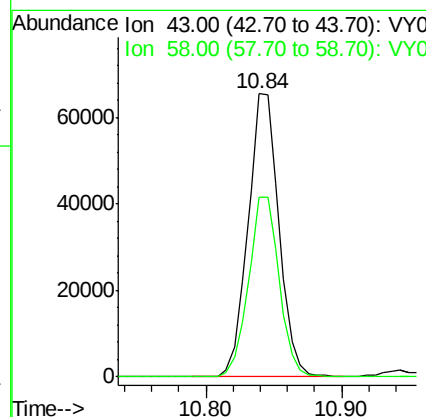
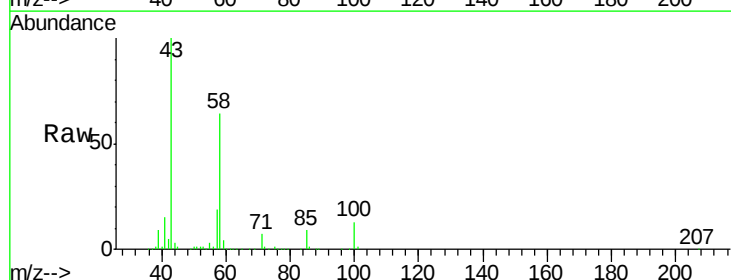
Manual Integrations
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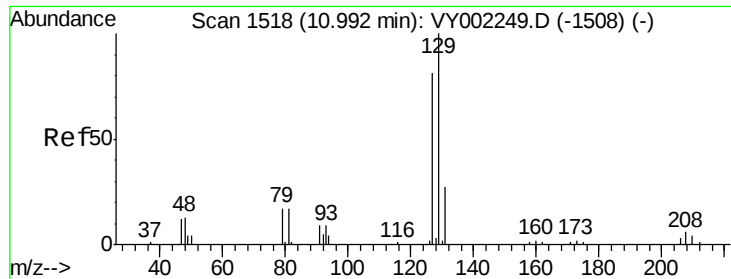
MMDadoda
 4/17/2020 11:52:20 AM



#59
 2-Hexanone
 Concen: 187.101 ug/l
 RT: 10.84 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion: 43 Resp: 104087
 Ion Ratio Lower Upper
 43 100
 58 63.3 29.8 89.3





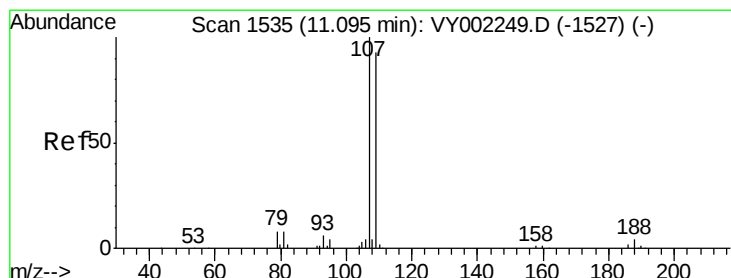
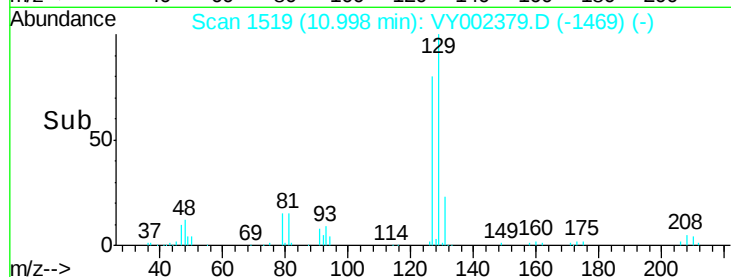
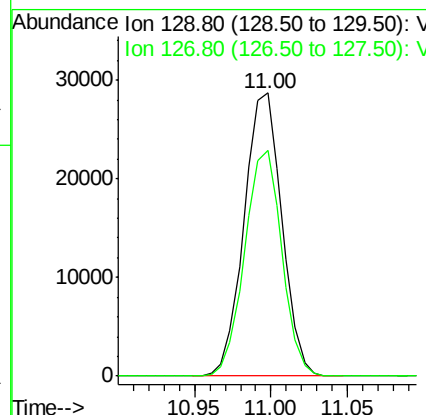
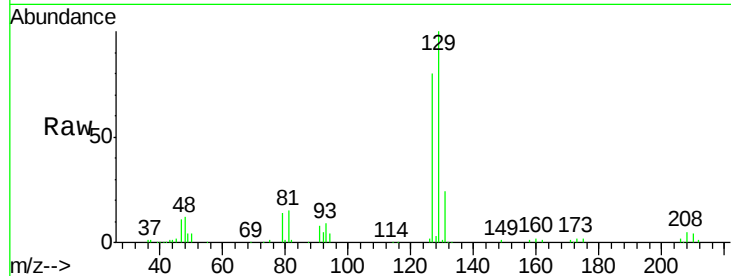
#60
 Dibromochloromethane
 Concen: 54.287 ug/l
 RT: 11.00 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion:129 Resp: 49250
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.0 117.0

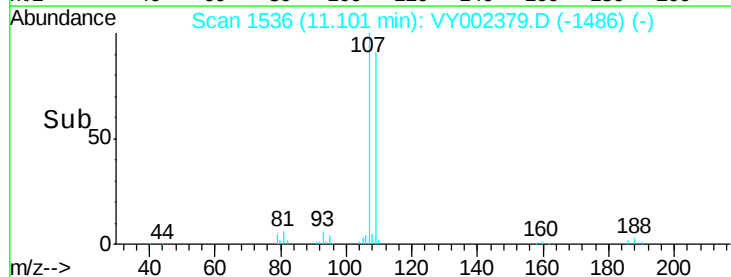
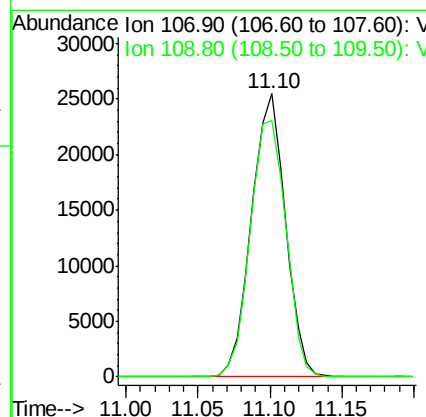
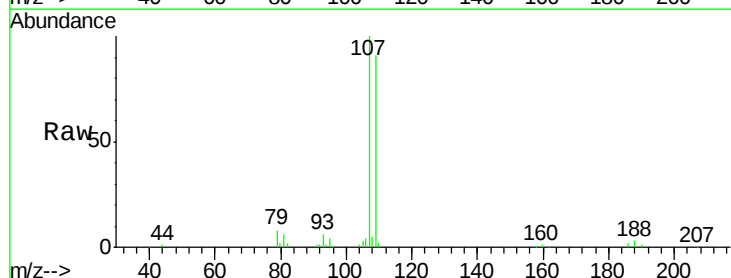
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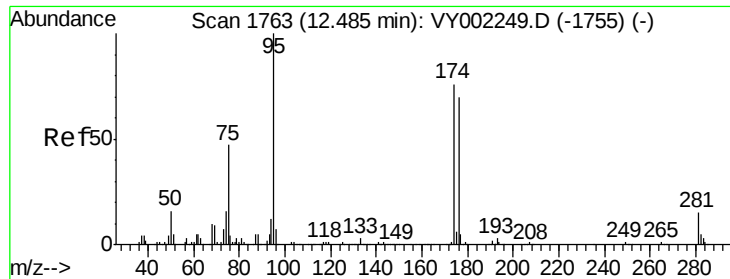
MMDadoda
 4/17/2020 11:52:20 AM



#61
 1,2-Dibromoethane
 Concen: 51.264 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion:107 Resp: 41522
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4





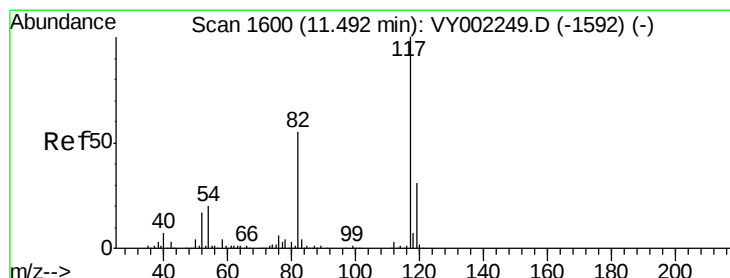
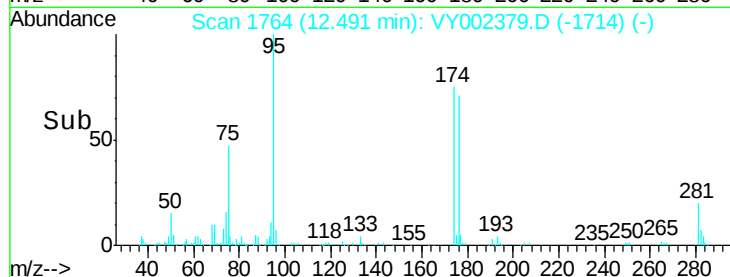
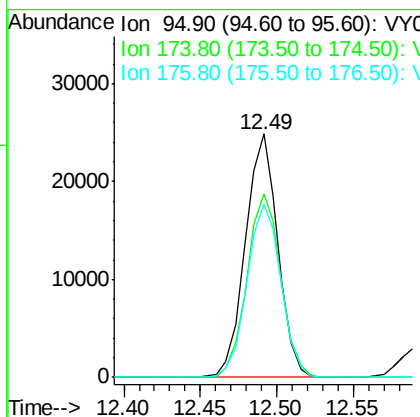
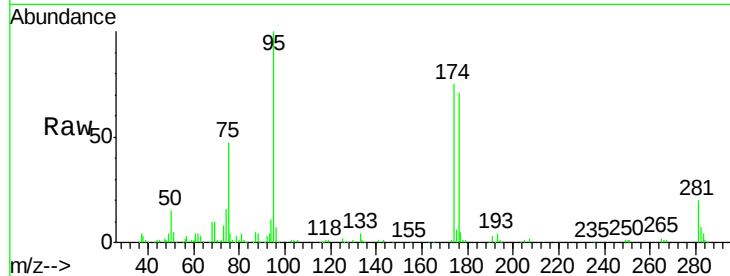
#62
4-Bromofluorobenzene
Concen: 29.668 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	36540		
174	78.2	0.0	150.6	
176	74.5	0.0	141.4	

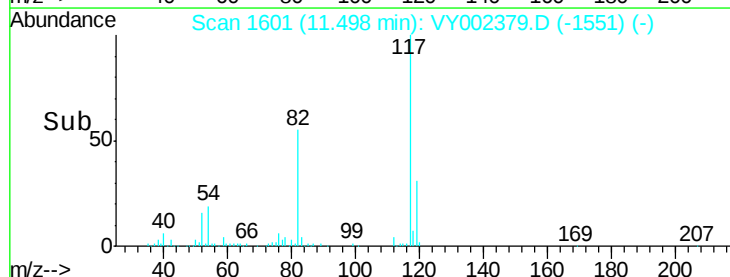
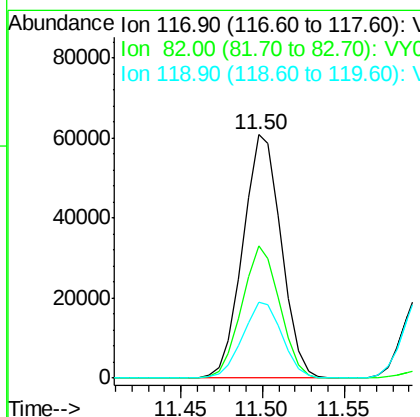
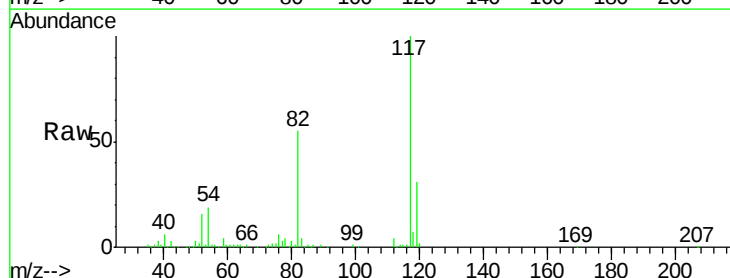
Manual Integrations
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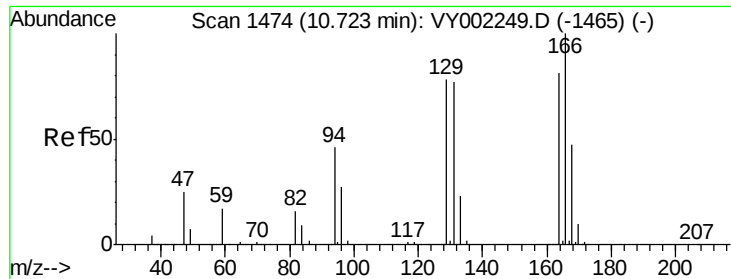
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	99554		
82	54.6	44.2	66.4	
119	31.0	25.1	37.7	





#64

Tetrachloroethene

Concen: 58.941 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion:164 Resp: 59325

Ion Ratio Lower Upper

164 100

166 129.9 98.4 147.6

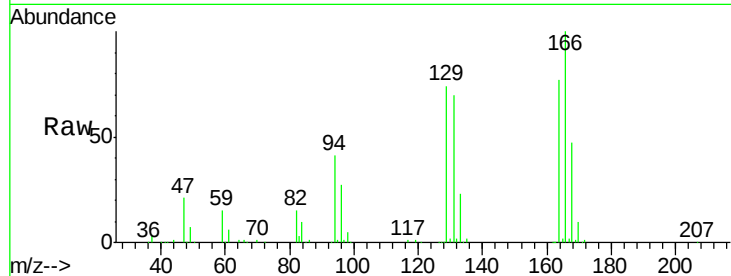
129 96.4 76.6 115.0

131 90.8 75.4 113.2

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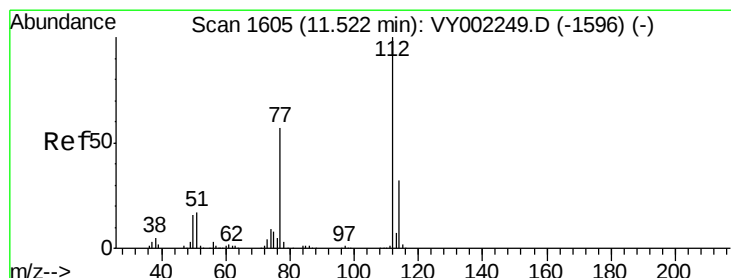
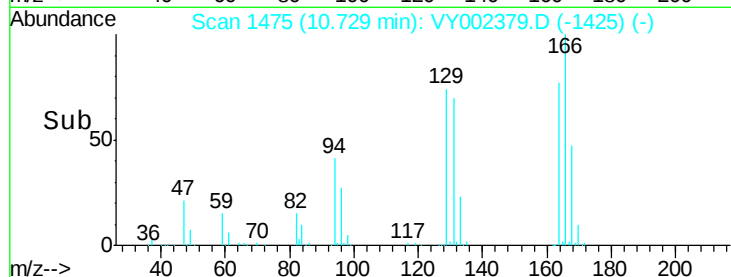
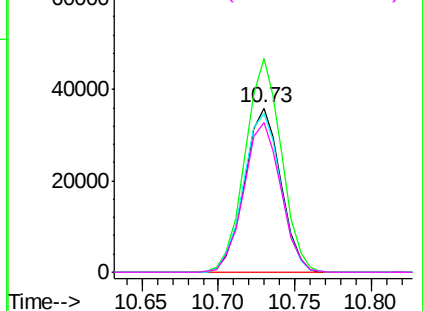


Abundance Ion 163.80 (163.50 to 164.50): V

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: 53.426 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002379.D

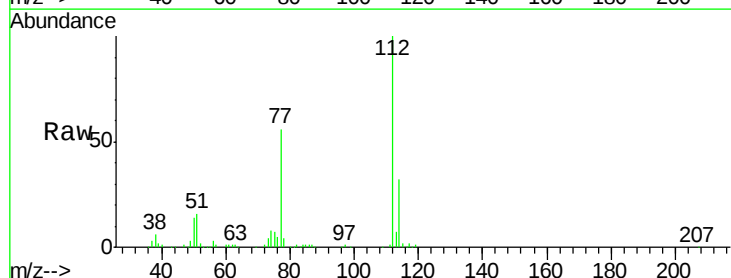
Acq: 16 Apr 2020 19:44

Tgt Ion:112 Resp: 110562

Ion Ratio Lower Upper

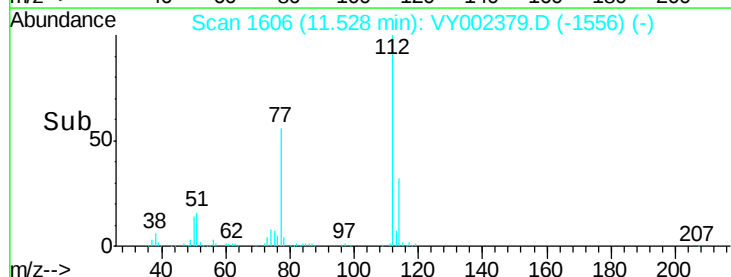
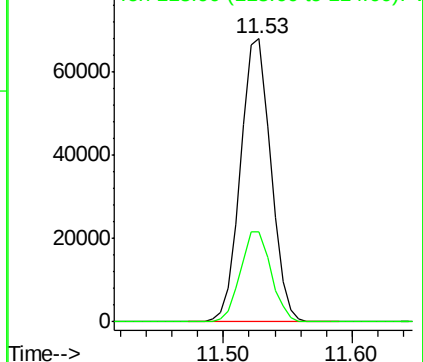
112 100

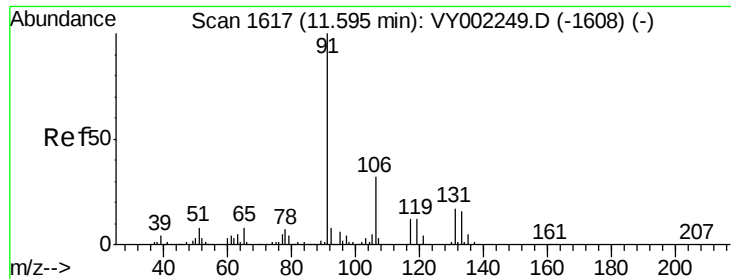
114 31.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 76.344 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

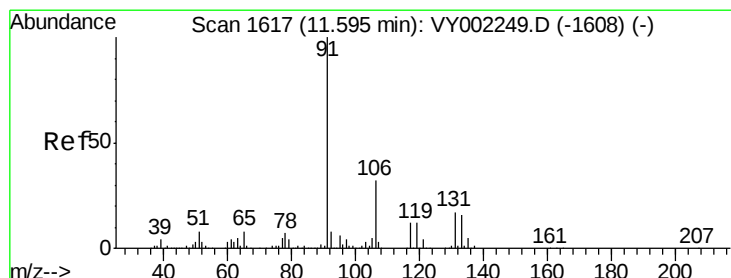
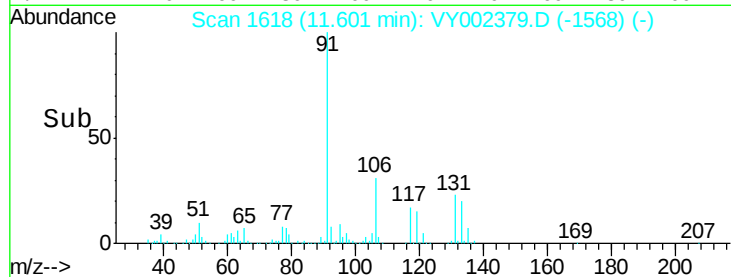
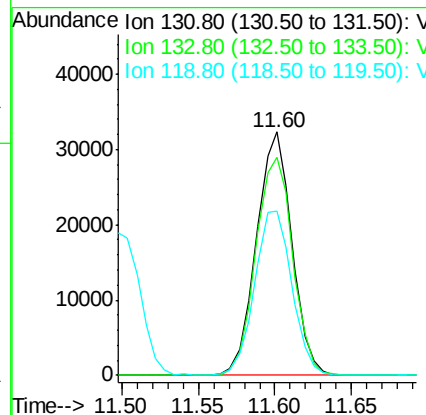
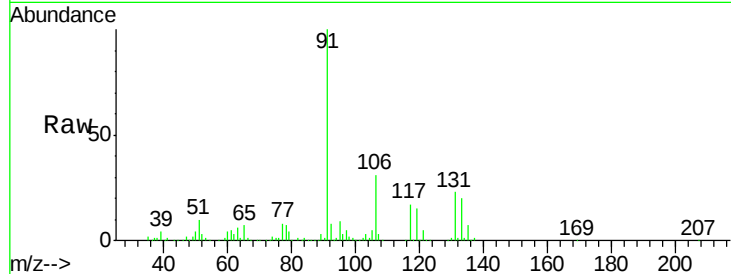
ClientSampleId :

BG-4MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.5	46.5	139.3
119	71.3	34.5	103.6

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#67

Ethyl Benzene

Concen: 57.644 ug/l

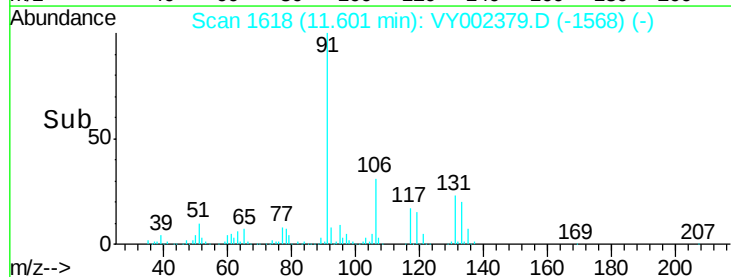
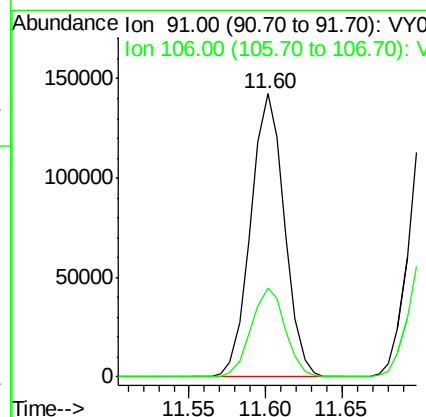
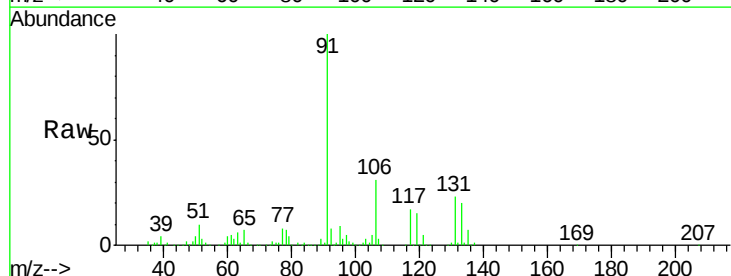
RT: 11.60 min Scan# 1618

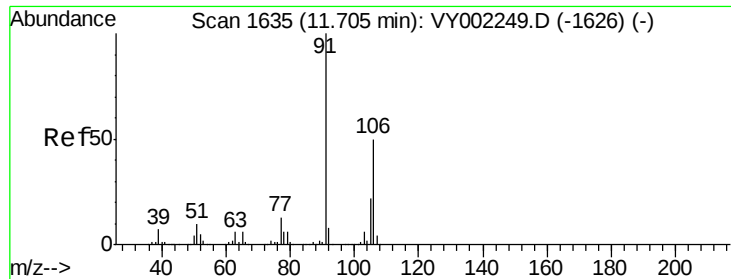
Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.4	38.0





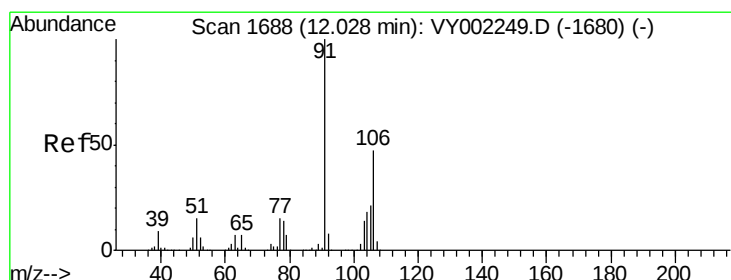
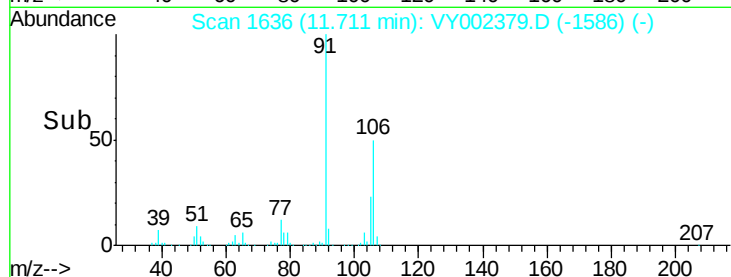
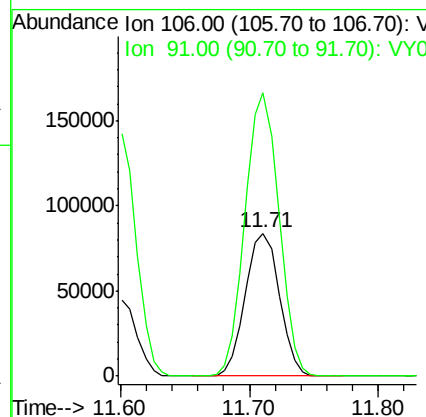
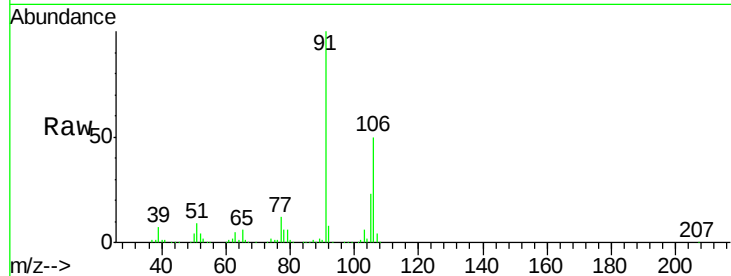
#68
m/p-Xvlenes
Concen: 108.620 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion:106 Resp: 154127
Ion Ratio Lower Upper
106 100
91 196.5 159.8 239.6

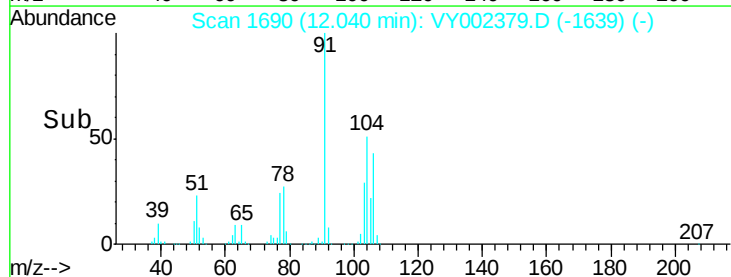
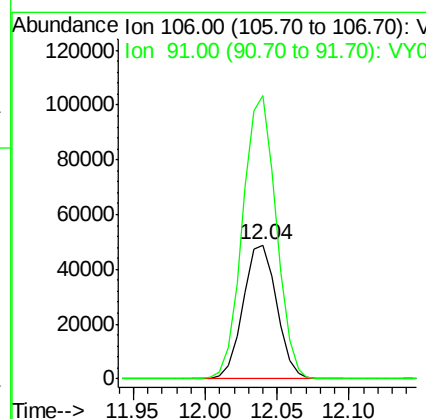
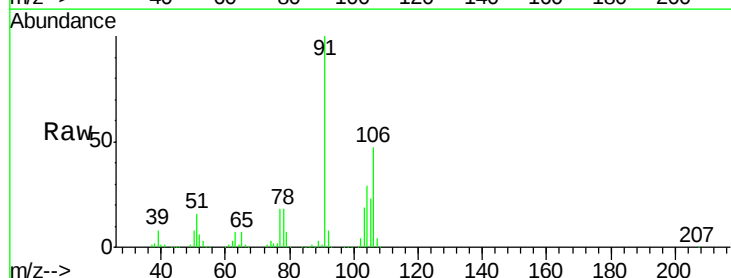
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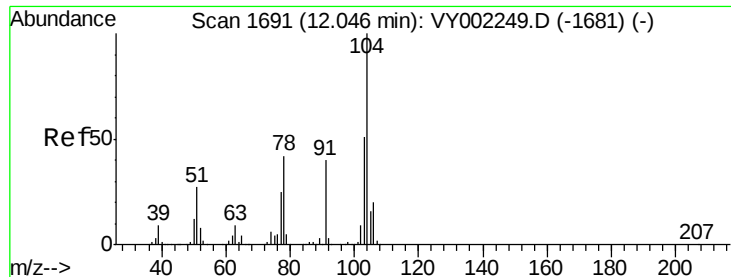
MMDadoda
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#69
o-Xylene
Concen: 59.399 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion:106 Resp: 79129
Ion Ratio Lower Upper
106 100
91 209.9 105.8 317.3





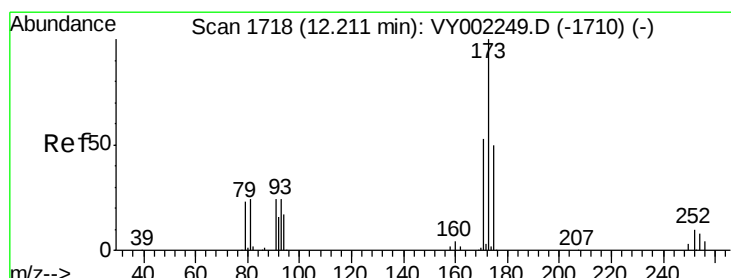
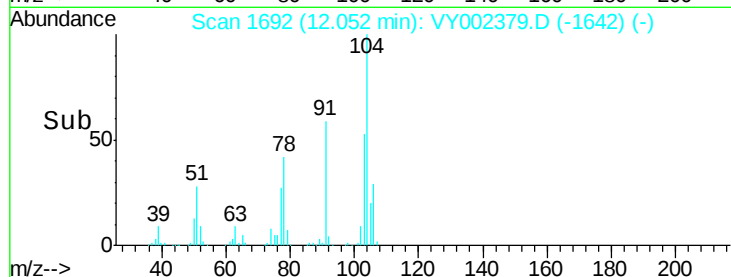
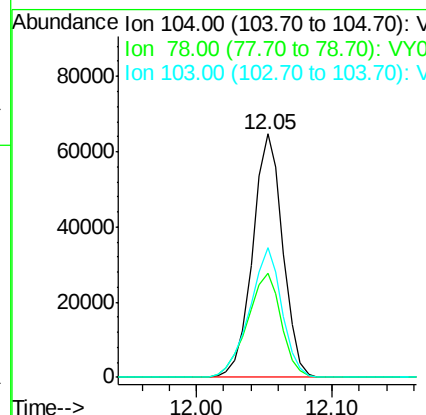
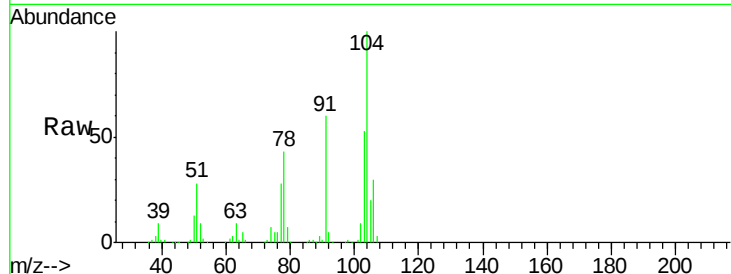
#70
Stvrene
Concen: 43.537 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	100624		
78	48.1		37.2	55.8
103	57.0		43.4	65.0

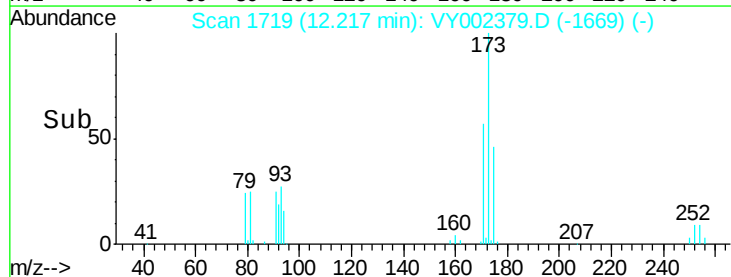
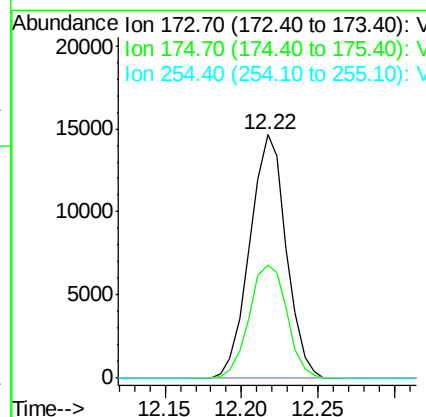
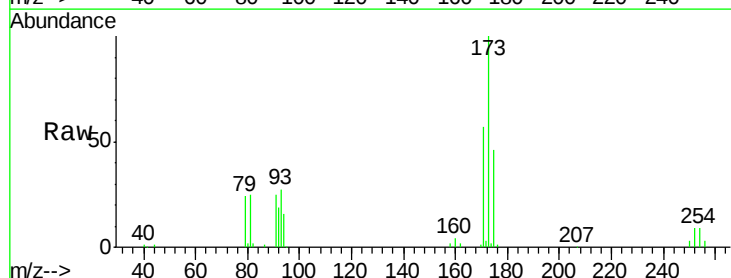
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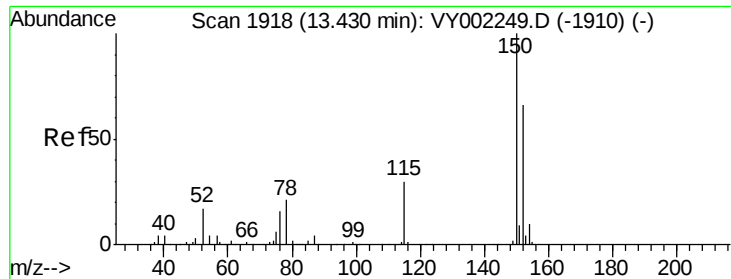
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#71
Bromoform
Concen: 65.029 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	24162		
175	48.1		24.1	72.3
254	0.0		0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion:152 Resp: 25592

Ion Ratio Lower Upper

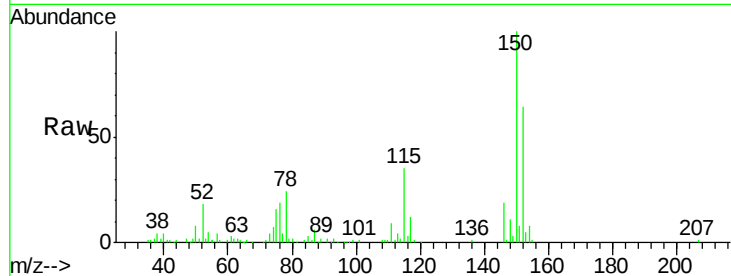
152 100

115 59.6 30.7 92.1

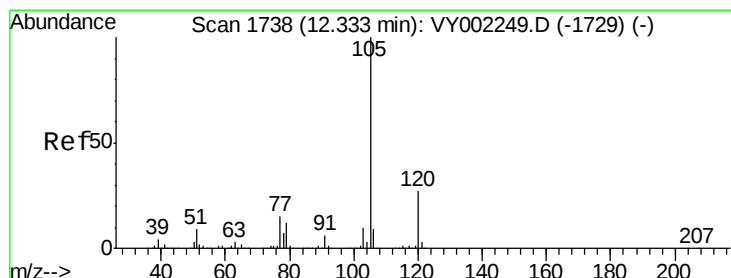
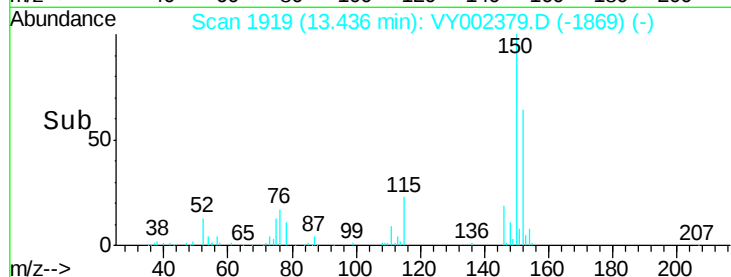
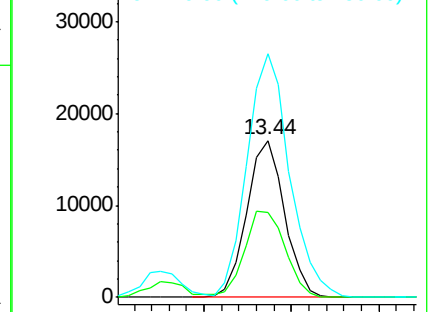
150 175.0 0.0 350.6

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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: 96.189 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002379.D

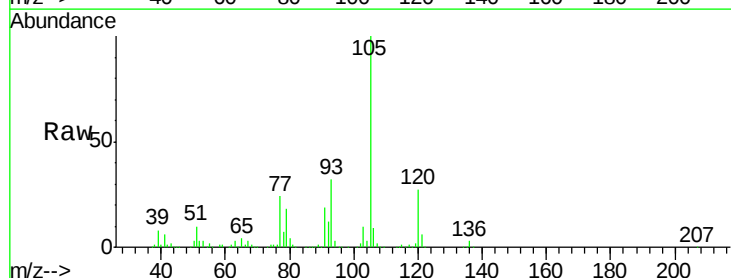
Acq: 16 Apr 2020 19:44

Tgt Ion:105 Resp: 193391

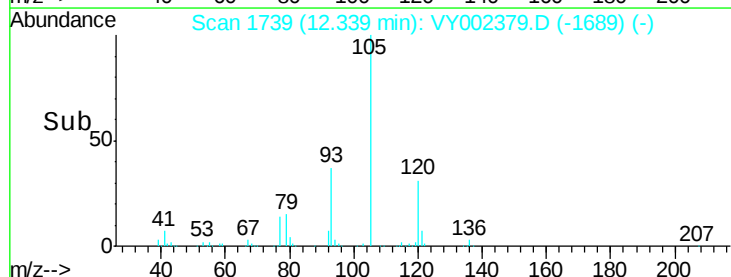
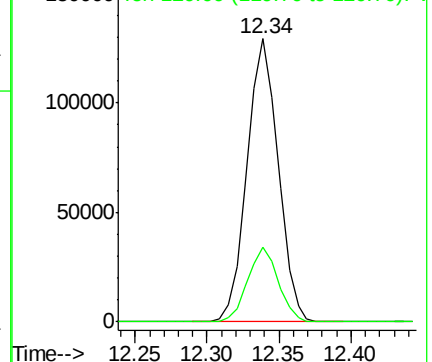
Ion Ratio Lower Upper

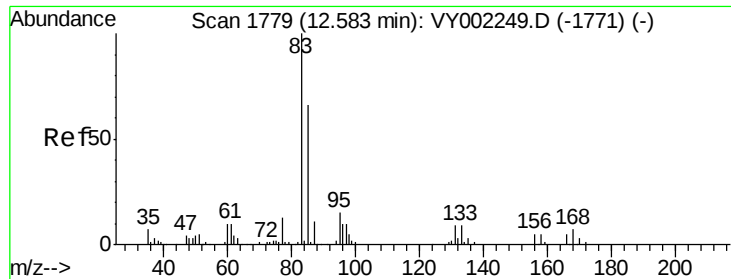
105 100

120 25.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 134.961 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

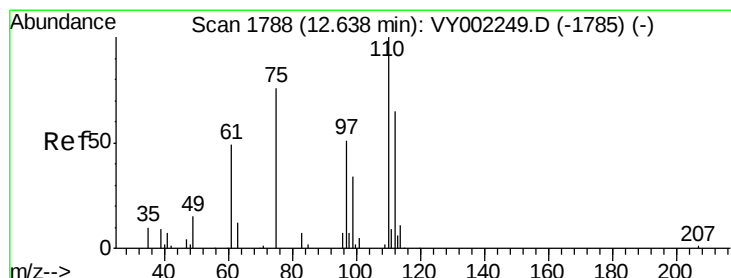
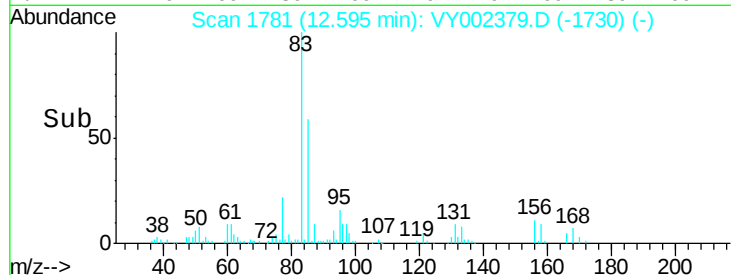
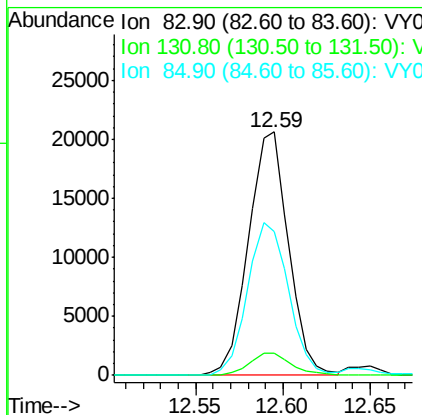
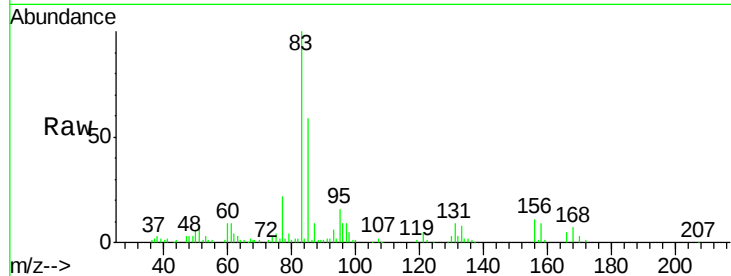
ClientSampleId :

BG-4MSD

Tot Ion:	83	Resp:	32829
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	64.0	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 134.632 ug/l m

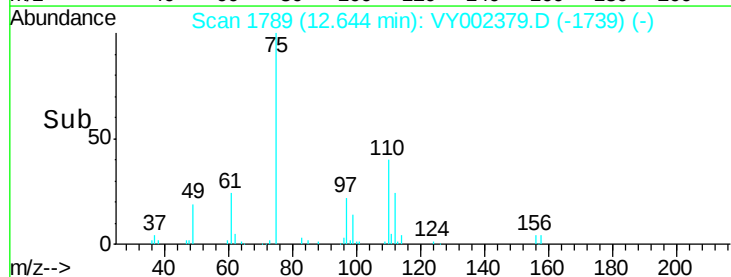
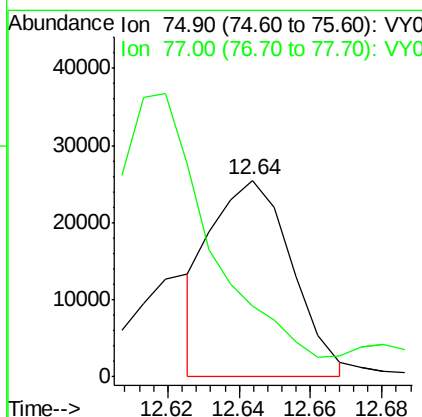
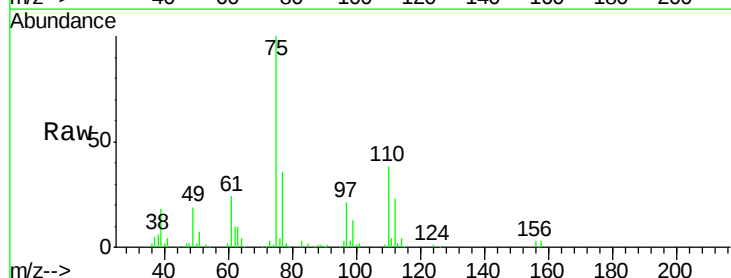
RT: 12.64 min Scan# 1789

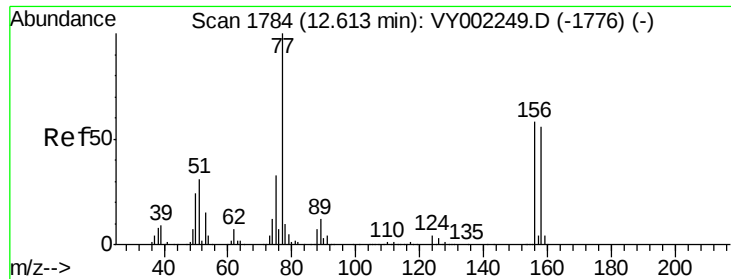
Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion:	75	Resp:	40010
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 77.134 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion:156 Resp: 34119

Ion Ratio Lower Upper

156 100

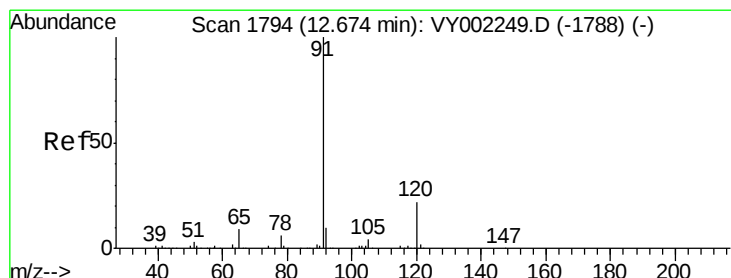
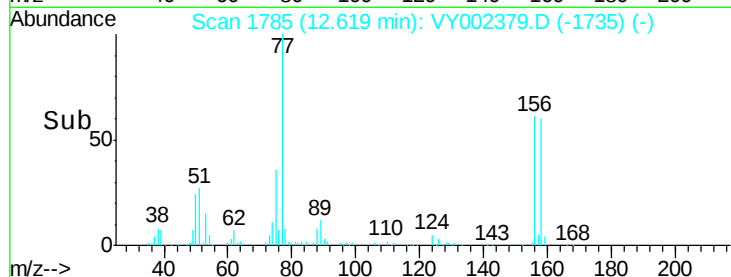
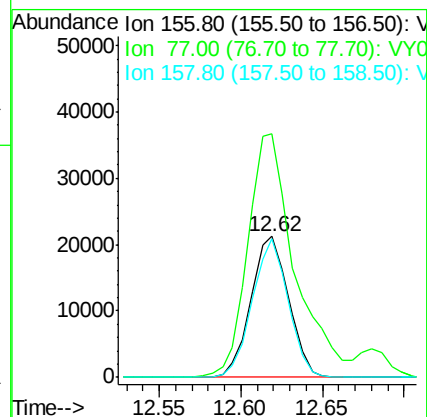
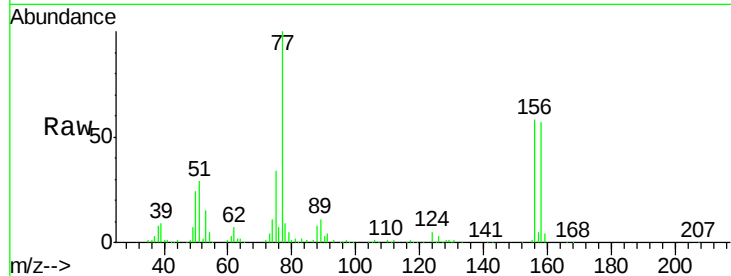
77 213.7 101.3 303.9

158 93.7 48.3 144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 71.895 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002379.D

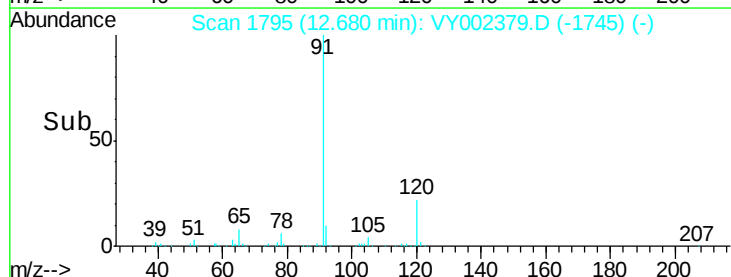
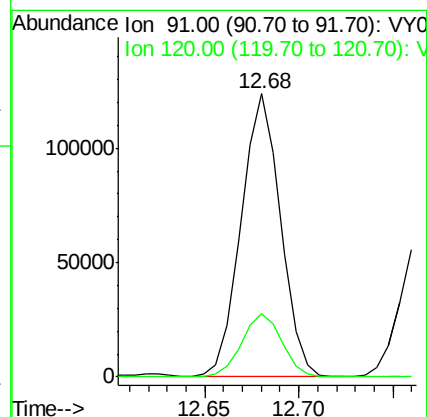
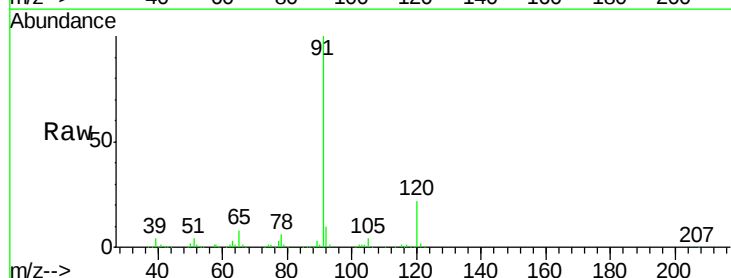
Acq: 16 Apr 2020 19:44

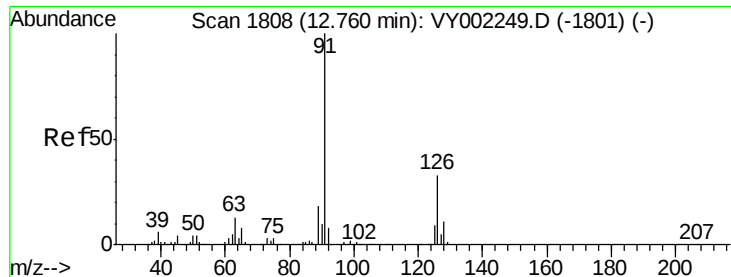
Tgt Ion: 91 Resp: 179774

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5





#79

2-Chlorotoluene

Concen: 73.387 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion: 91 Resp: 99726

Ion Ratio Lower Upper

91 100

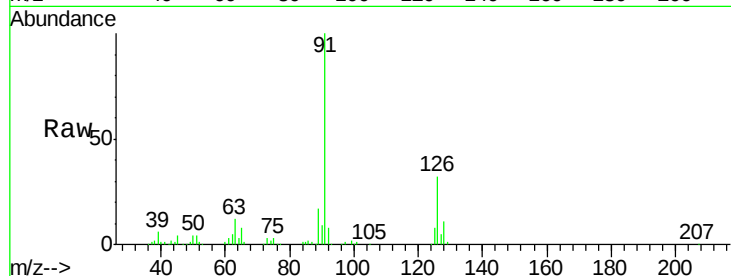
126 32.9 16.9 50.7

Manual Integrations

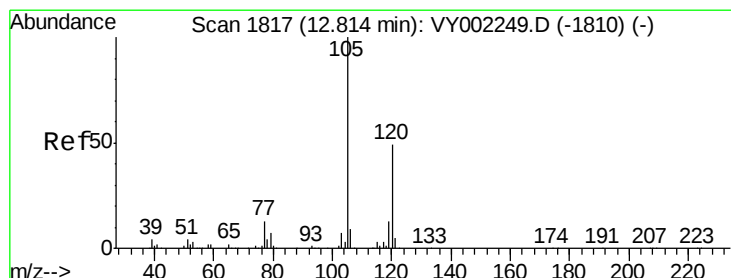
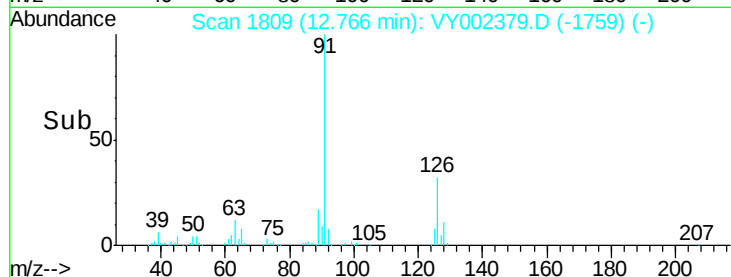
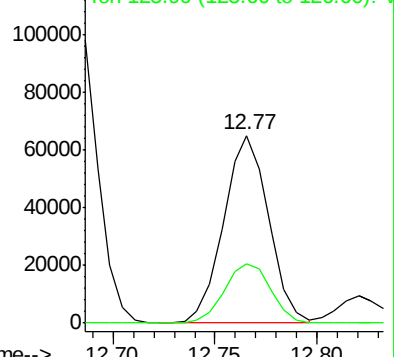
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Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 79.505 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002379.D

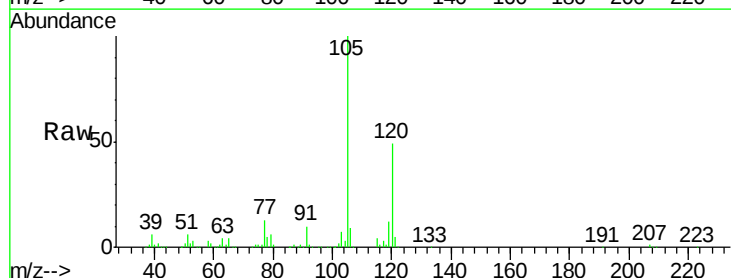
Acq: 16 Apr 2020 19:44

Tgt Ion: 105 Resp: 132198

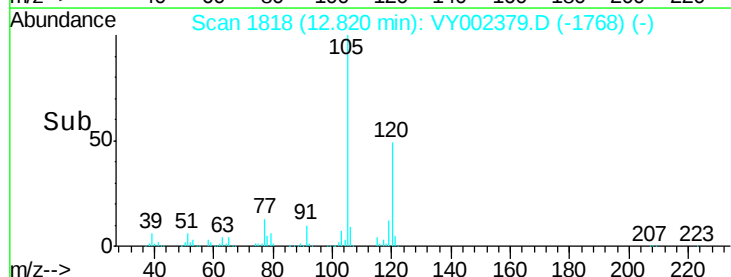
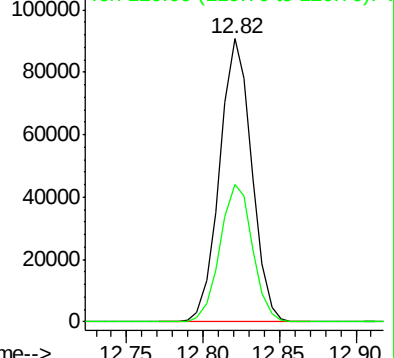
Ion Ratio Lower Upper

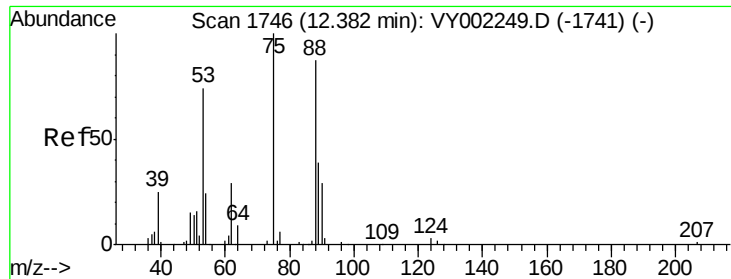
105 100

120 49.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 85.711 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

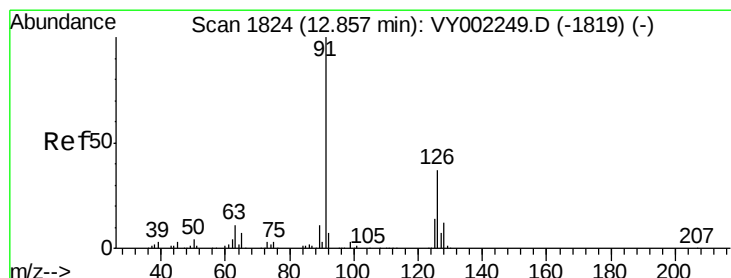
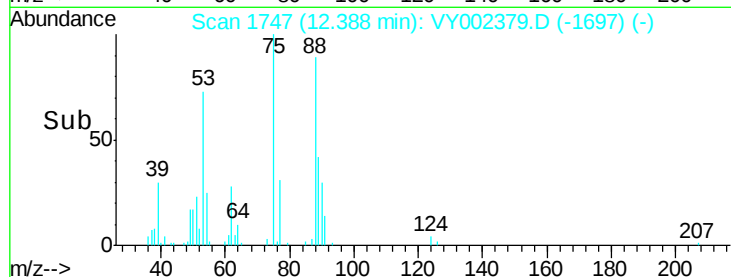
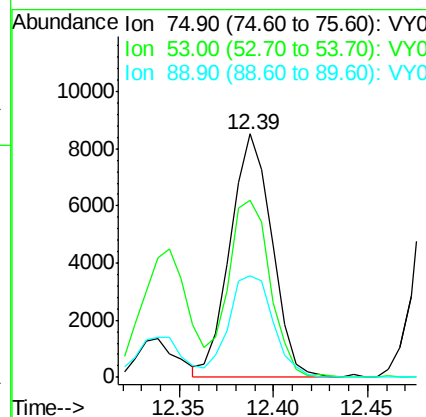
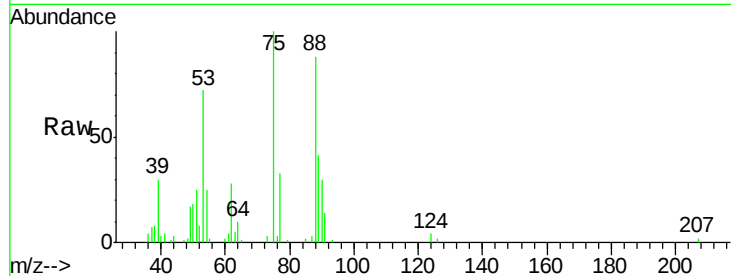
ClientSampleId :

BG-4MSD

Tot Ion:	75	Resp:	13096
Ion	Ratio	Lower	Upper
75	100		
53	73.6	59.8	89.8
89	44.3	37.0	55.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 61.664 ug/l

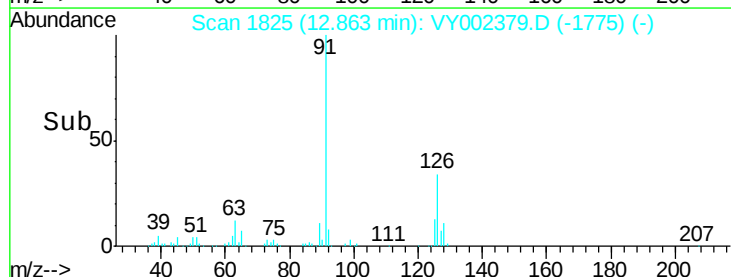
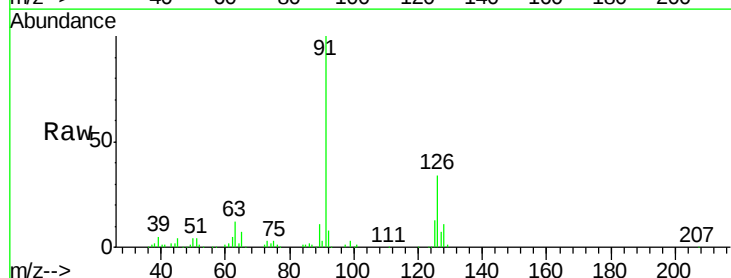
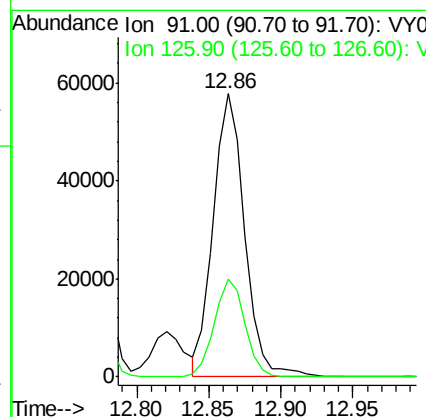
RT: 12.86 min Scan# 1825

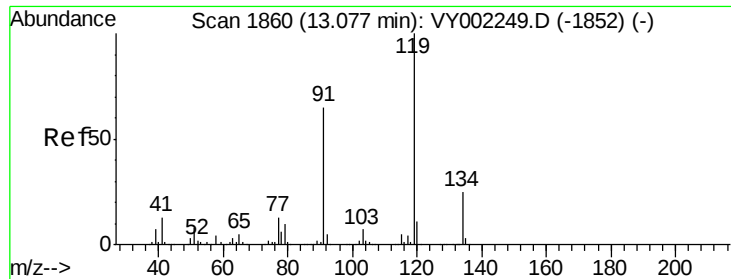
Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion:	91	Resp:	87826
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.7





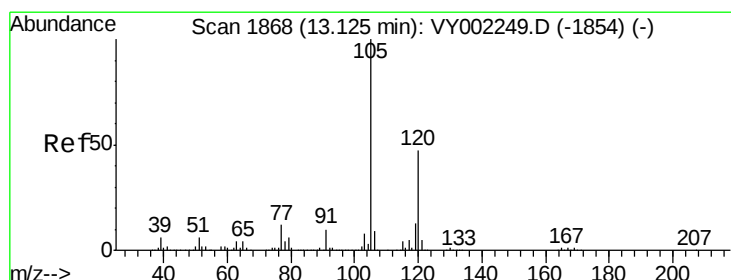
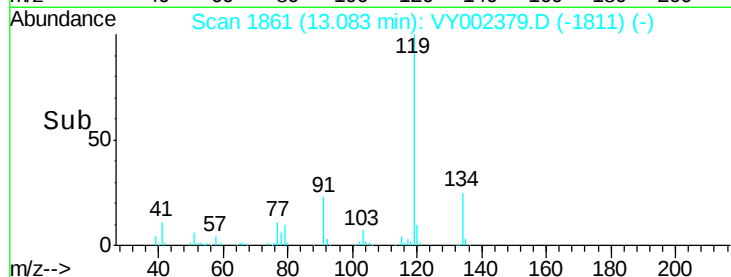
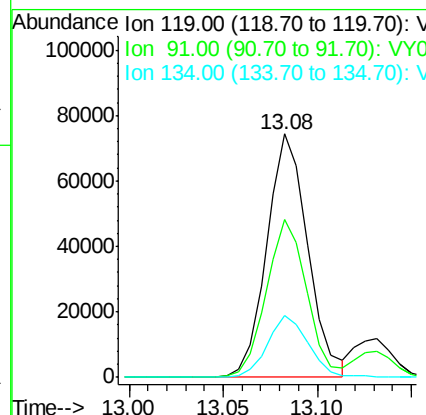
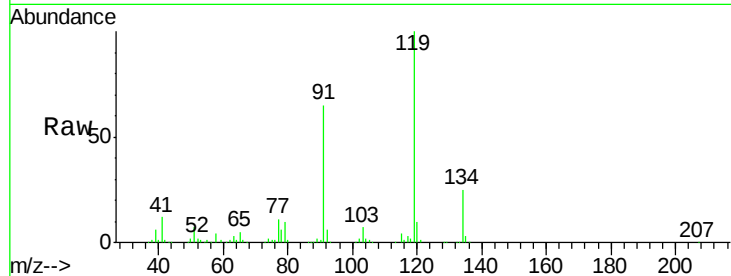
#83
 tert-Butylbenzene
 Concen: 80.353 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	111914		
91	64.0	32.4	97.0	
134	25.5	12.6	37.6	

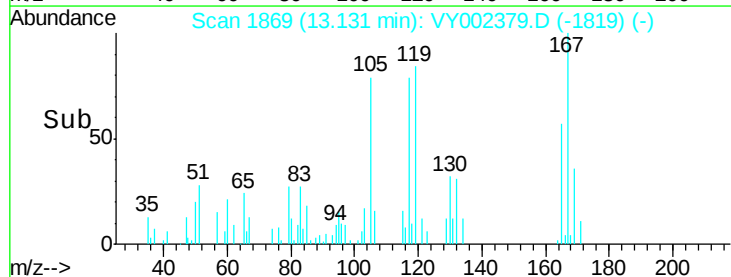
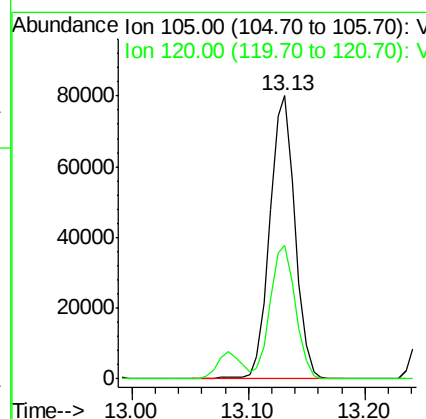
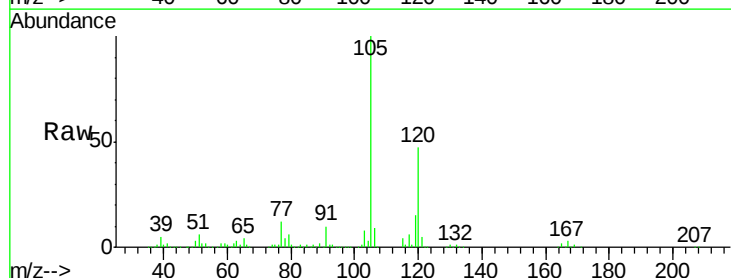
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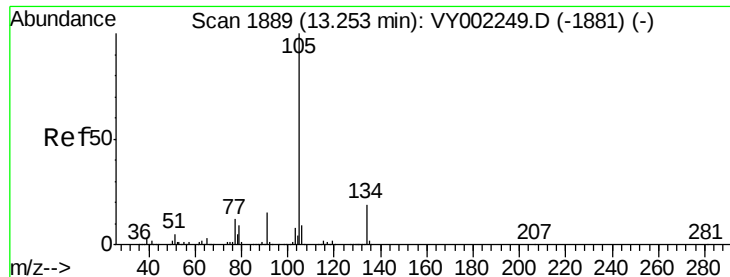
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#84
 1,2,4-Trimethylbenzene
 Concen: 72.530 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	120429		
120	47.3	23.1	69.2	





#85

sec-Butylbenzene

Concen: 60.150 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion:105 Resp: 124799

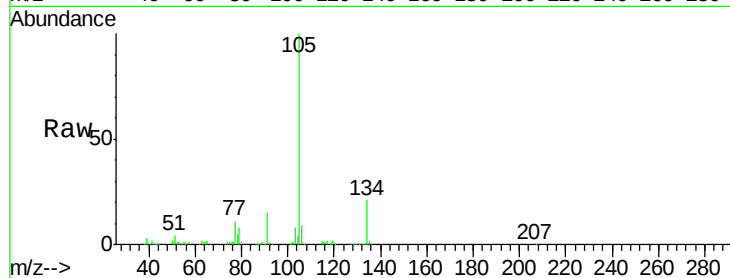
Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3

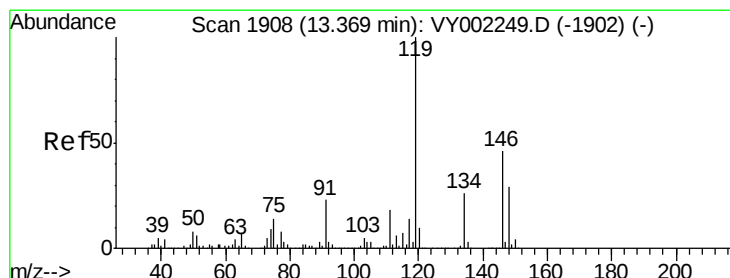
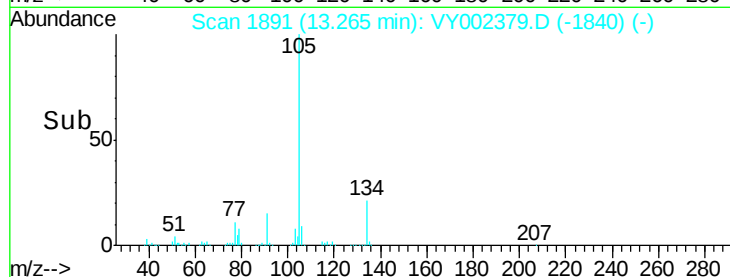
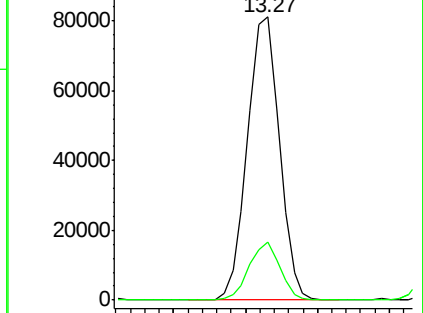
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.828 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

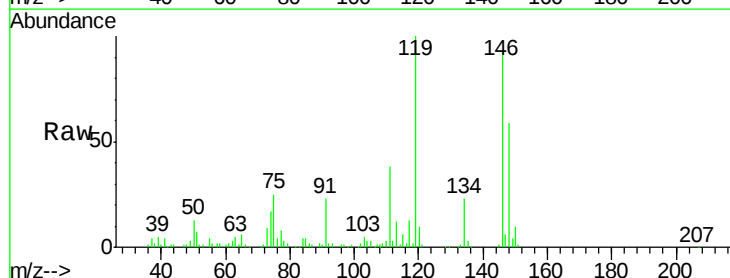
Tgt Ion:119 Resp: 38978

Ion Ratio Lower Upper

119 100

134 25.3 13.3 39.9

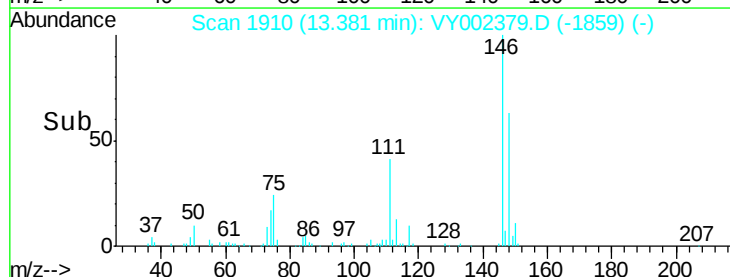
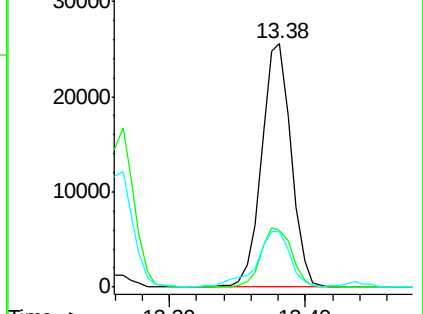
91 26.6 11.5 34.4

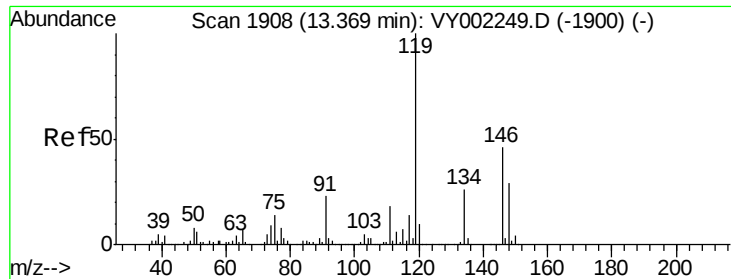


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.580 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002379.D

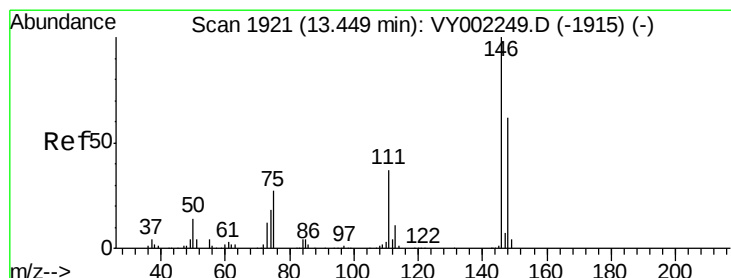
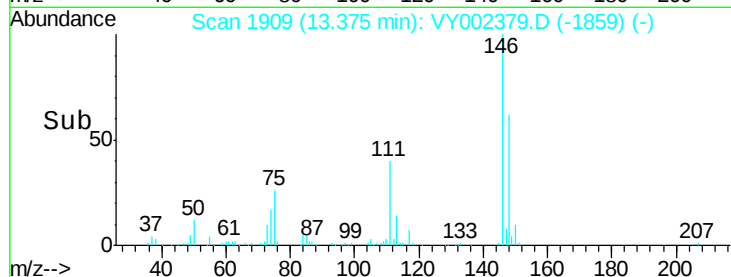
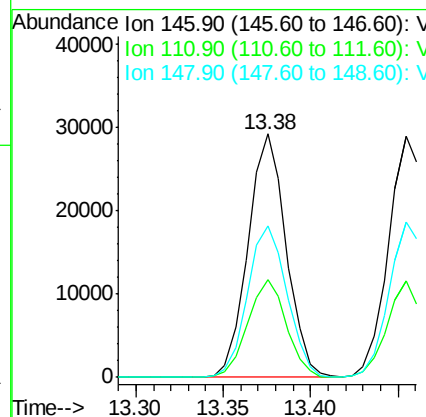
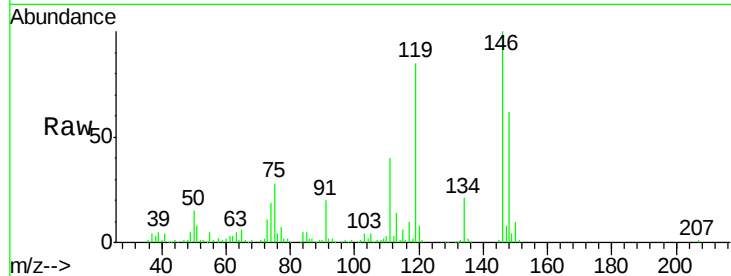
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.8
148	64.5	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 50.787 ug/l

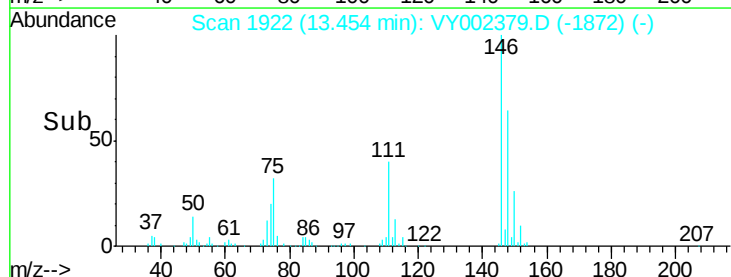
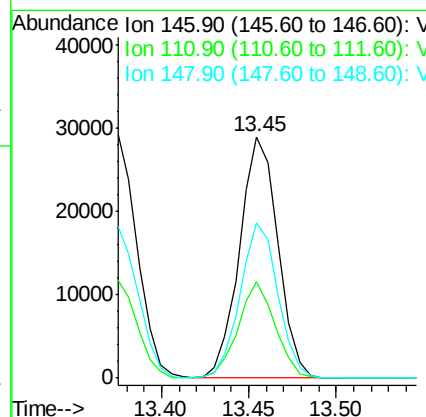
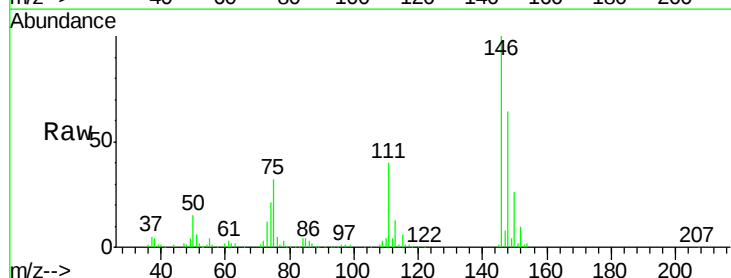
RT: 13.45 min Scan# 1922

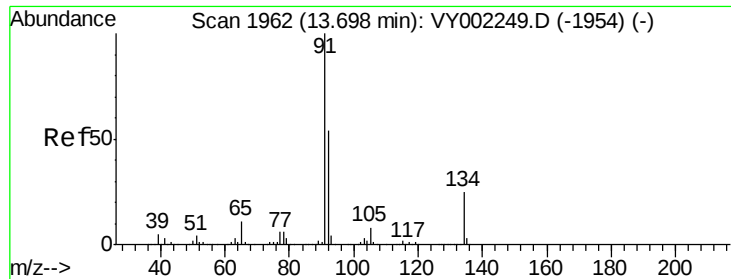
Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.8
148	63.2	32.0	96.0





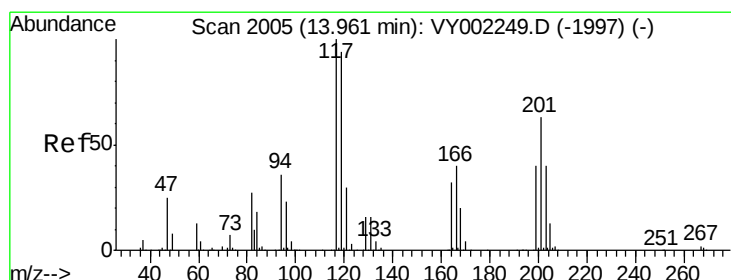
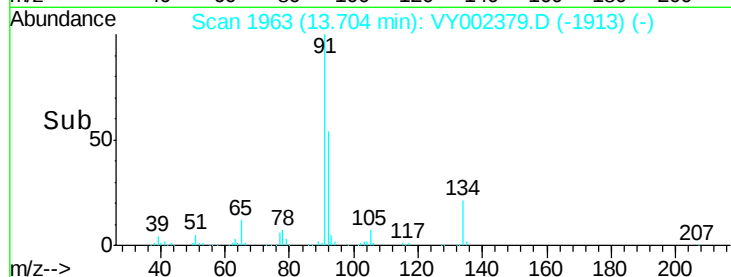
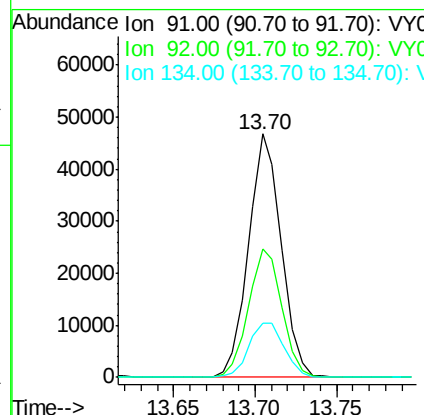
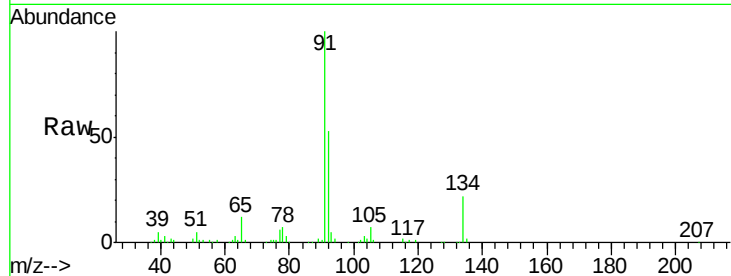
#89
n-Butylbenzene
Concen: 35.700 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		65345		
92	53.9	27.2	81.6		
134	24.1	12.7	38.0		

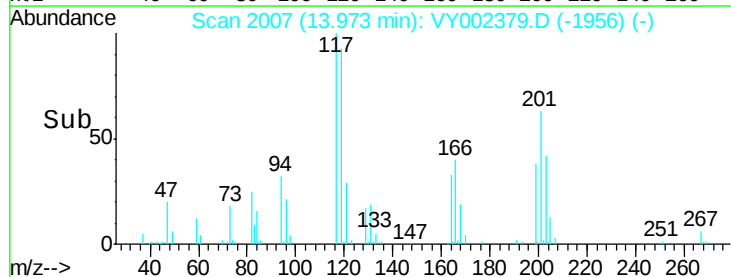
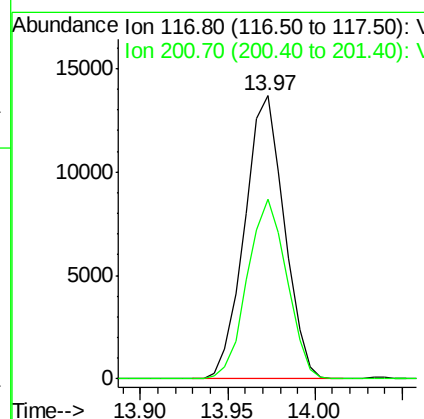
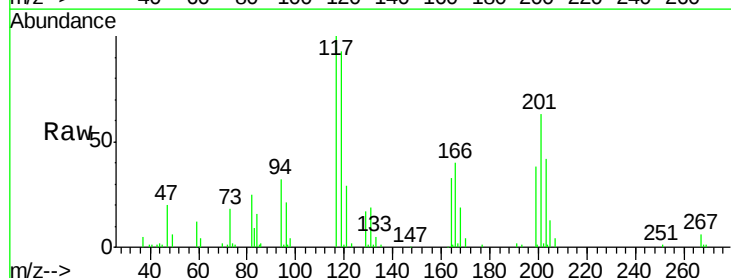
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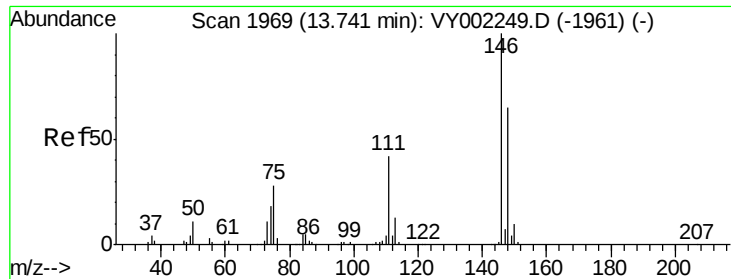
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#90
Hexachloroethane
Concen: 63.354 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		21558		
201	63.3	33.1	99.2		





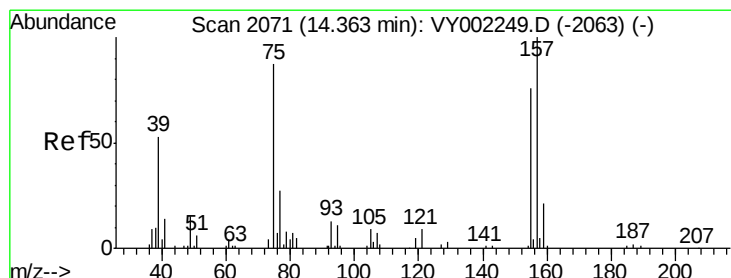
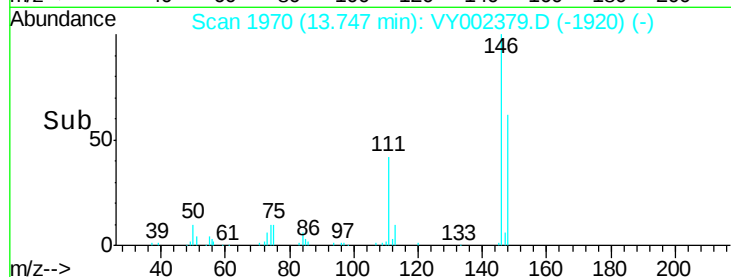
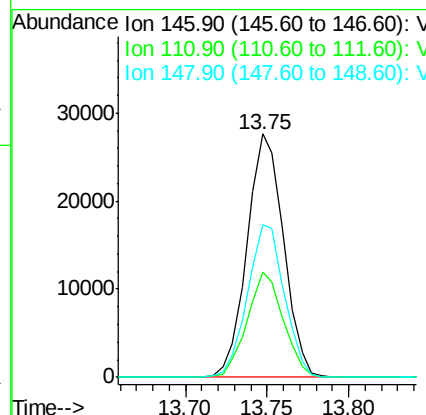
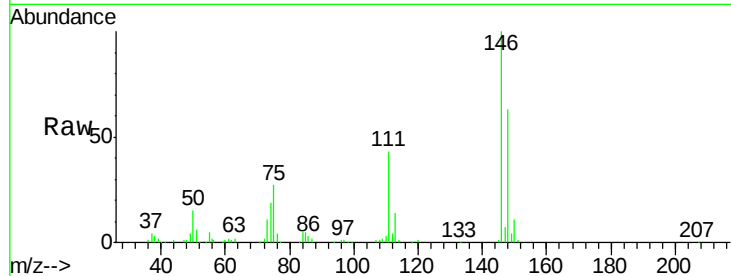
#91
 1,2-Dichlorobenzene
 Concen: 55.302 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.1
148	63.5	31.9	95.9

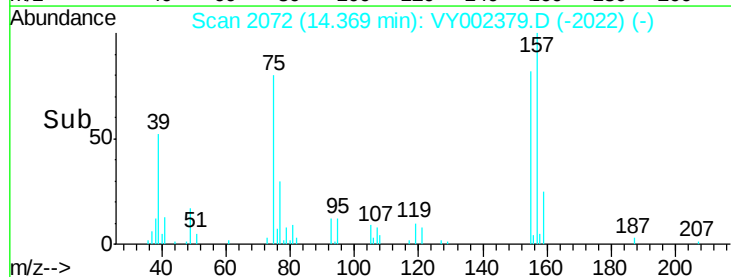
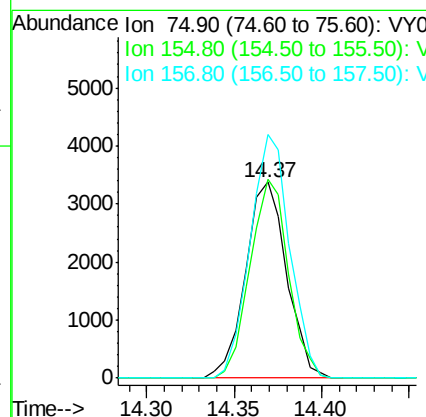
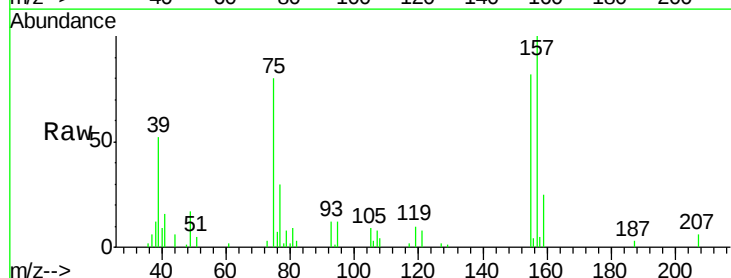
Manual Integrations
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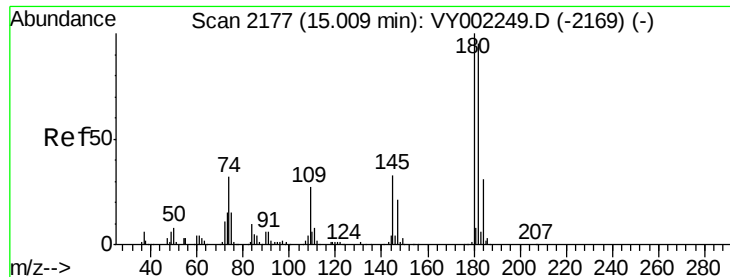
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.709 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	43.6	130.8
157	119.7	56.0	168.2





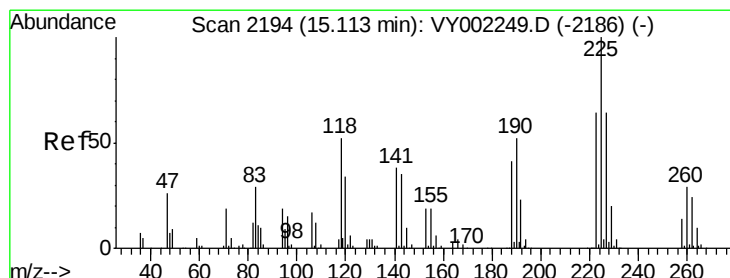
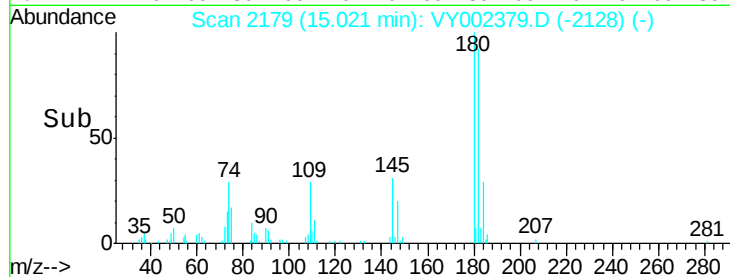
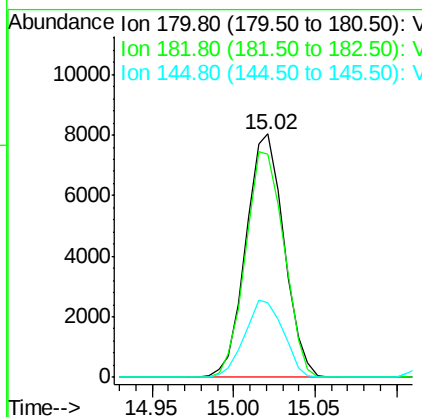
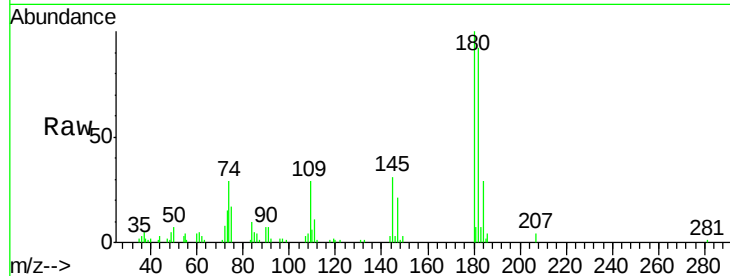
#93
 1,2,4-Trichlorobenzene
 Concen: 25.707 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	13089		
182	93.7	47.9	143.7	
145	32.0	16.0	48.0	

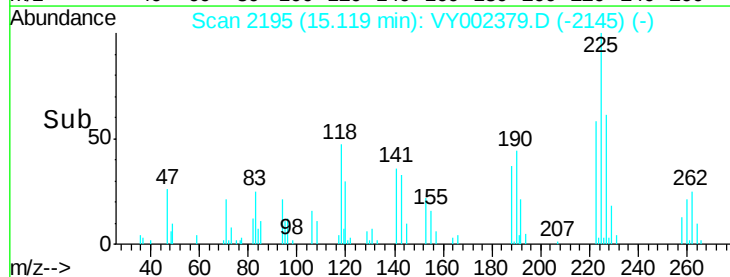
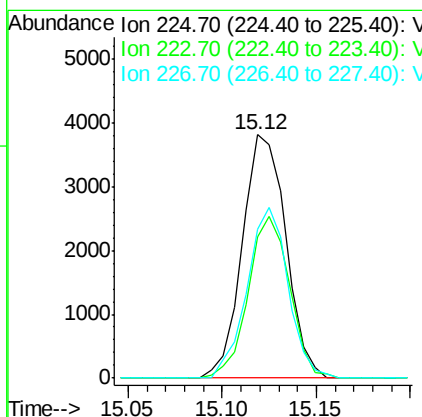
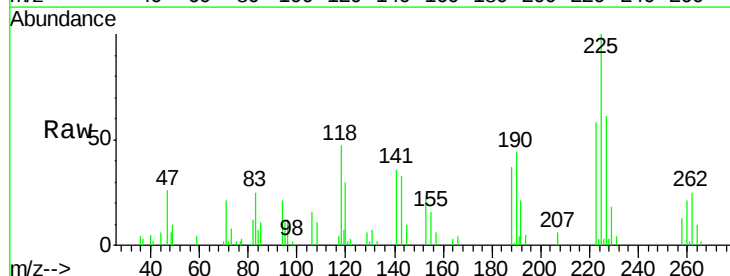
Manual Integrations
 APPROVED

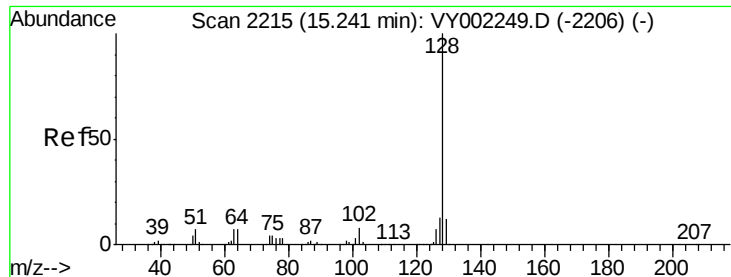
MMDadoda
 4/17/2020 11:52:20 AM



#94
 Hexachlorobutadiene
 Concen: 23.795 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	6102		
223	63.2	31.0	93.0	
227	66.2	31.3	93.9	





#95

Naphthalene

Concen: 32.868 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

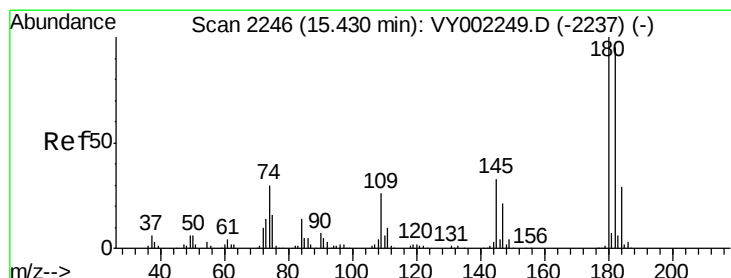
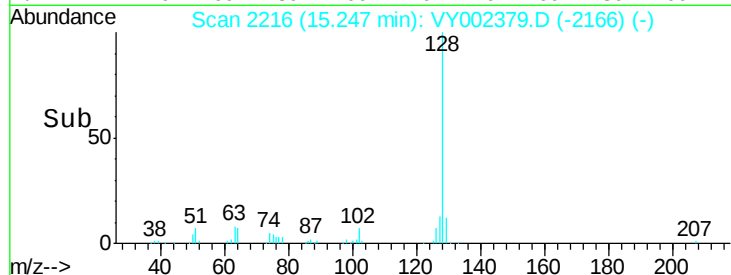
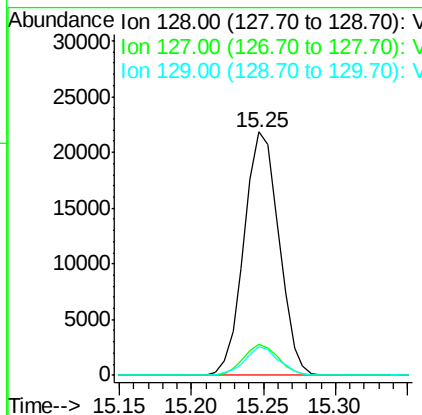
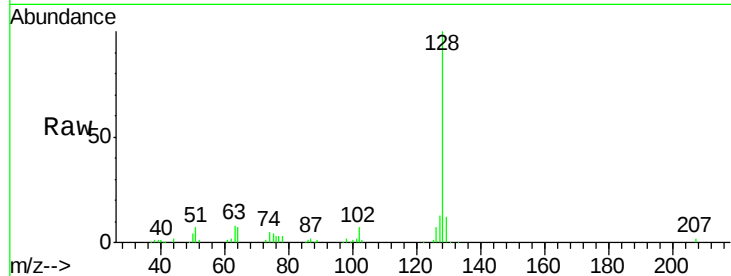
ClientSampleId :

BG-4MSD

Tot Ion:	128	Resp:	36642
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	11.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:52:20 AM



#96

1,2,3-Trichlorobenzene

Concen: 25.854 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion:	180	Resp:	11430
Ion Ratio	Lower	Upper	
180	100		
182	89.6	47.1	141.3
145	31.7	16.7	50.1

