

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002416.D
 Acq On : 17 Apr 2020 21:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 11:41:06 AM

Quant Time: Apr 18 08:01:18 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	7.82	168	136943	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	262128	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	240129	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	107004	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	67835	44.54	ug/l	0.01
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	7.75	113	74972	48.07	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	10.20	98	297480	45.57	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.14%	
62) 4-Bromofluorobenzene	12.50	95	98867	45.90	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	59544	43.022	ug/l	96
3) Chloromethane	2.12	50	77069	44.245	ug/l	99
4) Vinyl Chloride	2.26	62	79667	42.970	ug/l	99
5) Bromomethane	2.66	94	54323	47.447	ug/l	100
6) Chloroethane	2.81	64	49465	46.261	ug/l	98
7) Trichlorofluoromethane	3.15	101	111323	46.494	ug/l	96
8) Diethyl Ether	3.55	74	56759	55.761	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.92	101	80532	49.514	ug/l	98
10) Methyl Iodide	4.11	142	98016	51.845	ug/l	96
11) Tert butyl alcohol	4.99	59	41717	258.256	ug/l	97
12) 1,1-Dichloroethene	3.90	96	82499	49.892	ug/l	85
13) Acrolein	3.75	56	41651	212.117	ug/l	96
14) Allyl chloride	4.51	41	106289	39.806	ug/l #	92
15) Acrylonitrile	5.20	53	133739	256.928	ug/l	99
16) Acetone	3.97	43	82590	205.905	ug/l	93
17) Carbon Disulfide	4.22	76	254822	46.402	ug/l	100
18) Methyl Acetate	4.50	43	58151	46.740	ug/l #	89
19) Methyl tert-butyl Ether	5.25	73	228476	52.558	ug/l	98
20) Methylene Chloride	4.75	84	105162	53.341	ug/l	89
21) trans-1,2-Dichloroethene	5.25	96	93386	50.315	ug/l	94
22) Diisopropyl ether	6.14	45	235436	43.813	ug/l	93
23) Vinyl Acetate	6.10	43	756602	220.944	ug/l #	92
24) 1,1-Dichloroethane	6.05	63	147206	48.162	ug/l	99
25) 2-Butanone	7.02	43	138079	217.526	ug/l #	86
26) 2,2-Dichloropropane	7.02	77	104004	40.678	ug/l	95
27) cis-1,2-Dichloroethene	7.02	96	108799	53.775	ug/l	89
28) Bromochloromethane	7.36	49	57684	43.719	ug/l #	78
29) Tetrahydrofuran	7.38	42	93385	222.558	ug/l #	83
30) Chloroform	7.53	83	145986	50.669	ug/l	99
31) Cyclohexane	7.81	56	127622	39.778	ug/l	87
32) 1,1,1-Trichloroethane	7.73	97	115714	48.252	ug/l	97
36) 1,1-Dichloropropene	7.94	75	109752	42.508	ug/l	95
37) Ethyl Acetate	7.11	43	61793	41.893	ug/l #	94
38) Carbon Tetrachloride	7.92	117	98051	44.397	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	151576	43.157	ug/l	90
40) Benzene	8.19	78	375173	47.893	ug/l	100
41) Methacrylonitrile	7.36	41	39216m	45.069	ug/l	
42) 1,2-Dichloroethane	8.26	62	86769	44.715	ug/l	94
43) Isopropyl Acetate	8.30	43	109628	40.753	ug/l #	90
44) Trichloroethene	8.96	130	113065	49.093	ug/l	89
45) 1,2-Dichloropropane	9.24	63	89845	46.225	ug/l	98
46) Dibromomethane	9.33	93	50965	50.150	ug/l	96
47) Bromodichloromethane	9.52	83	113582	48.710	ug/l	98
48) Methyl methacrylate	9.31	41	48449	40.166	ug/l #	80
49) 1,4-Dioxane	9.31	88	15944	1109.116	ug/l #	89
51) 4-Methyl-2-Pentanone	10.09	43	298815	213.173	ug/l	91
52) Toluene	10.26	92	228941	48.495	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	122370	48.165	ug/l	96
54) cis-1,3-Dichloropropene	9.95	75	147367	48.247	ug/l	93
55) 1,1,2-Trichloroethane	10.66	97	79335	53.322	ug/l	97
56) Ethyl methacrylate	10.53	69	107246	50.504	ug/l	87
57) 1,3-Dichloropropane	10.81	76	131083	50.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	286870	260.873	ug/l	95
59) 2-Hexanone	10.85	43	207296	213.080	ug/l	88
60) Dibromochloromethane	11.00	129	84962	53.554	ug/l	99
61) 1,2-Dibromoethane	11.11	107	74833	52.832	ug/l	100
64) Tetrachloroethene	10.74	164	119085	49.051	ug/l	97
65) Chlorobenzene	11.53	112	248611	49.806	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	83809	50.854	ug/l	97
67) Ethyl Benzene	11.61	91	423989	46.399	ug/l	99
68) m/p-Xylenes	11.72	106	324971	94.949	ug/l	96
69) o-Xylene	12.04	106	158600	49.358	ug/l	94
70) Styrene	12.06	104	276927	49.675	ug/l	97
71) Bromoform	12.22	173	49049	54.729	ug/l #	99
73) Isopropylbenzene	12.34	105	399577	47.533	ug/l	99
74) N-amyl acetate	12.16	43	99824	41.833	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.59	83	54644	53.727	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	64644m	52.025	ug/l	
77) Bromobenzene	12.63	156	94843	51.281	ug/l	94
78) n-propylbenzene	12.69	91	480543	45.963	ug/l	98
79) 2-Chlorotoluene	12.77	91	269629	47.455	ug/l	97
80) 1,3,5-Trimethylbenzene	12.83	105	328386	47.234	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	30934	48.421	ug/l	96
82) 4-Chlorotoluene	12.87	91	273848	45.985	ug/l	97
83) tert-Butylbenzene	13.09	119	274137	47.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	331780	47.791	ug/l	99
85) sec-Butylbenzene	13.27	105	402877	46.441	ug/l	99
86) p-Isopropyltoluene	13.38	119	349504	46.811	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	177936	49.643	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	177109	48.678	ug/l	100
89) n-Butylbenzene	13.70	91	335012	43.774	ug/l	100
90) Hexachloroethane	13.97	117	68339	48.033	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	164146	50.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	12187	49.544	ug/l	86

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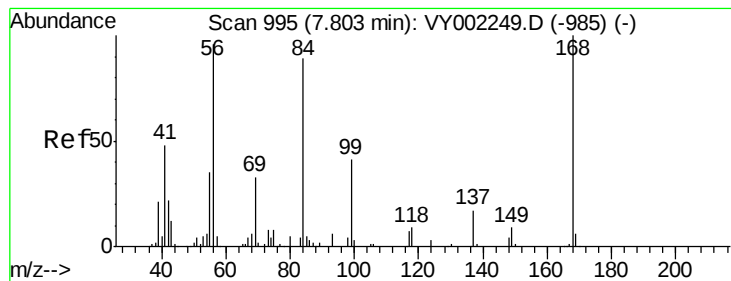
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	99631	46.801	ug/l	99
94) Hexachlorobutadiene	15.12	225	49928	46.565	ug/l	99
95) Naphthalene	15.25	128	248282	53.266	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	89242	48.278	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 136943

Ion Ratio Lower Upper

168 100

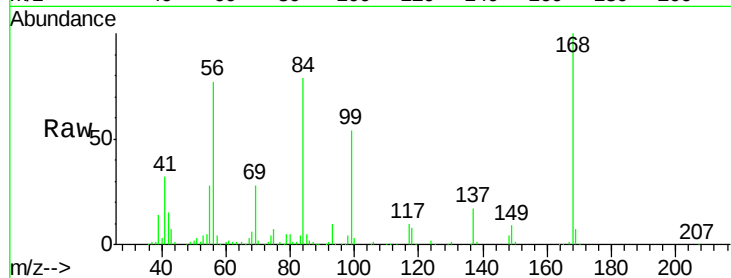
99 54.3 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.82

60000

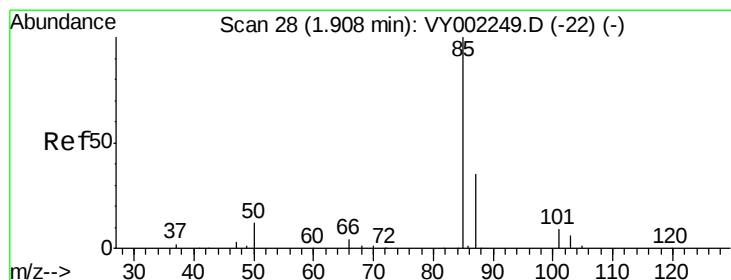
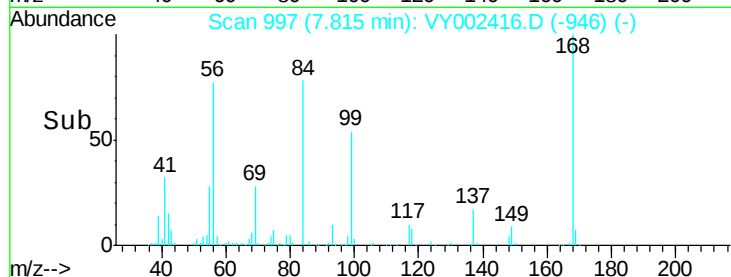
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.022 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002416.D

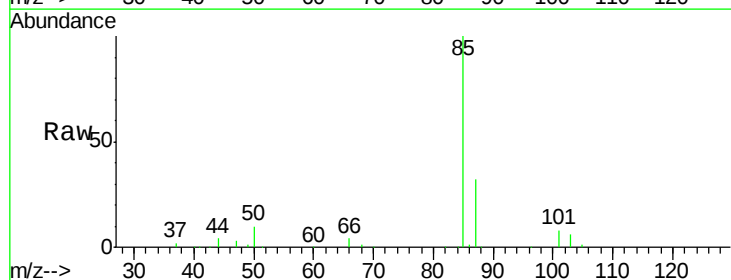
Acq: 17 Apr 2020 21:31

Tgt Ion: 85 Resp: 59544

Ion Ratio Lower Upper

85 100

87 32.1 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

40000

30000

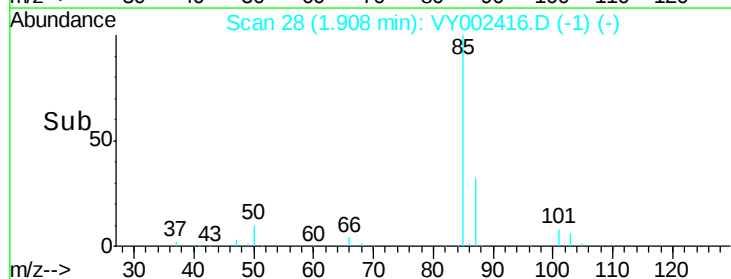
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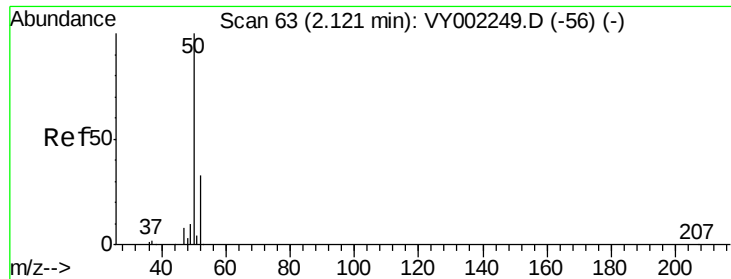
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 44.245 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 77069

Ion Ratio Lower Upper

50 100

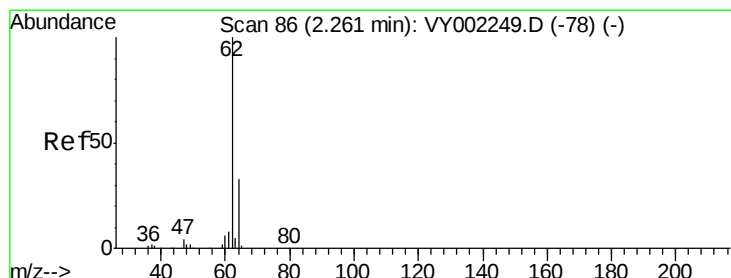
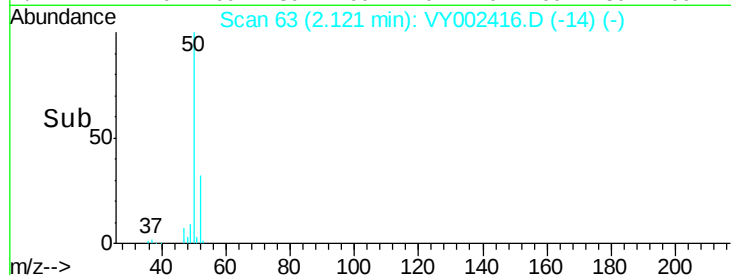
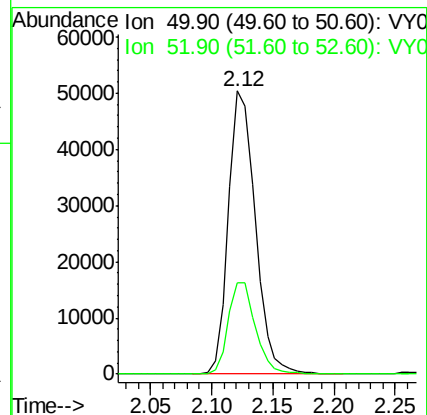
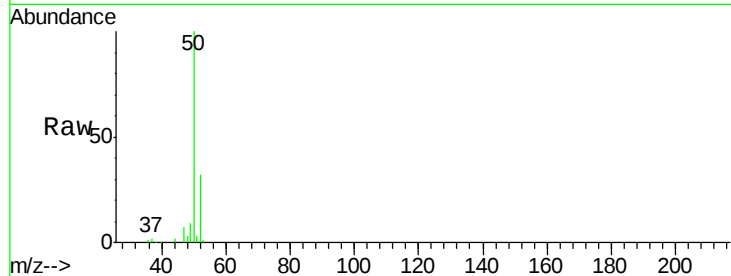
52 32.4 26.6 39.8

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#4

Vinyl Chloride

Concen: 42.970 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002416.D

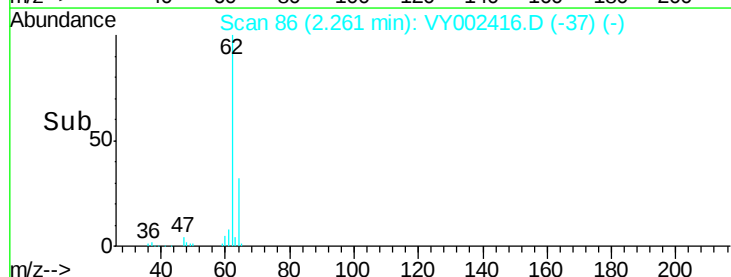
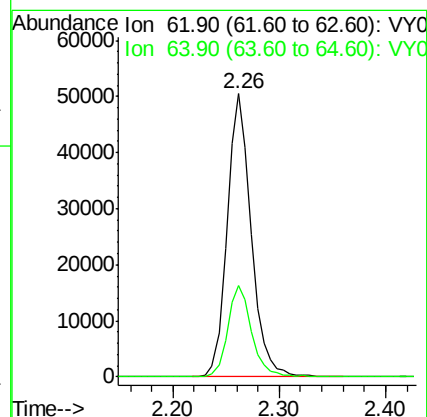
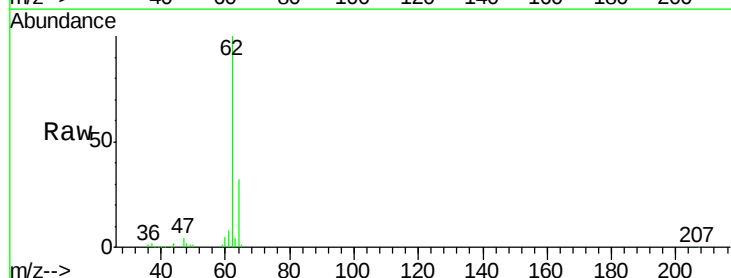
Acq: 17 Apr 2020 21:31

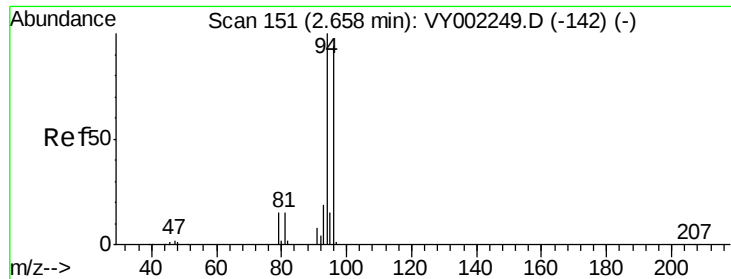
Tgt Ion: 62 Resp: 79667

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2





#5

Bromomethane

Concen: 47.447 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 54323

Ion Ratio Lower Upper

94 100

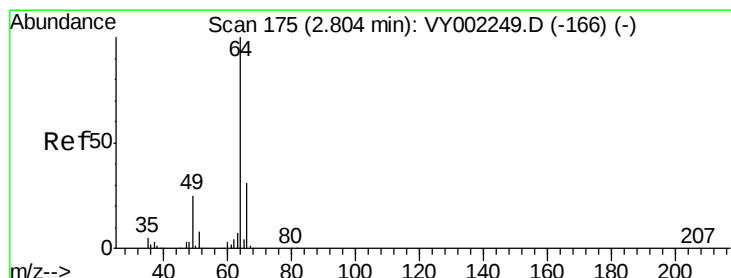
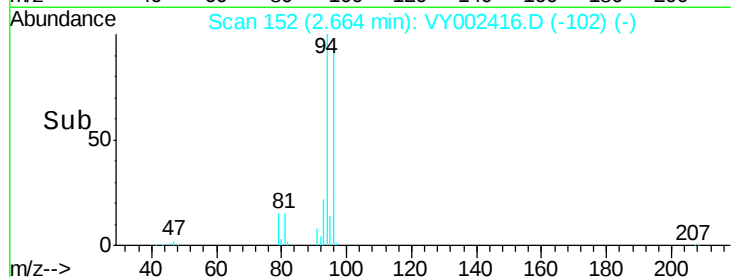
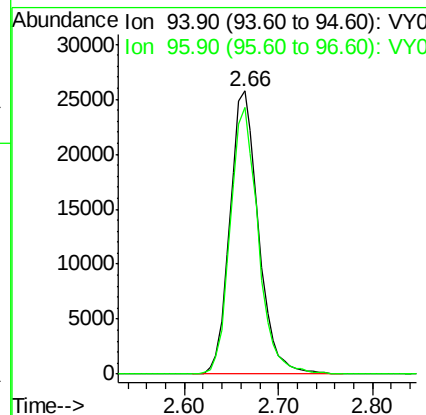
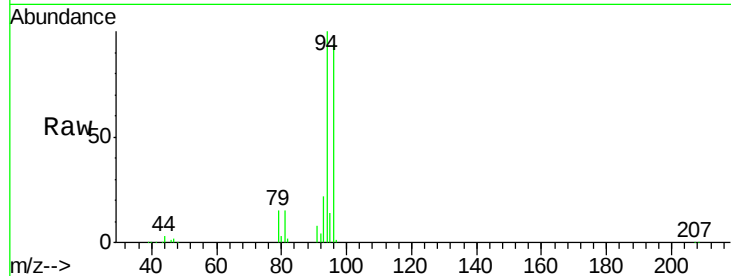
96 94.1 75.6 113.4

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#6

Chloroethane

Concen: 46.261 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002416.D

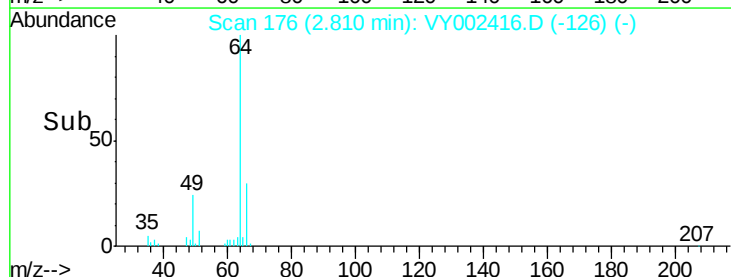
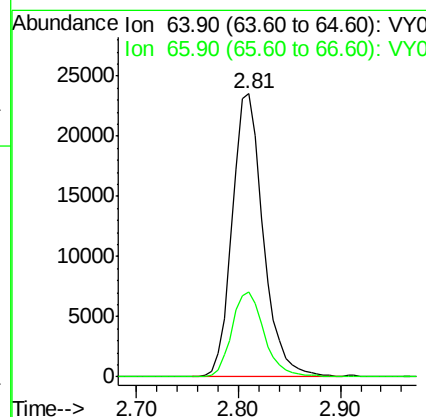
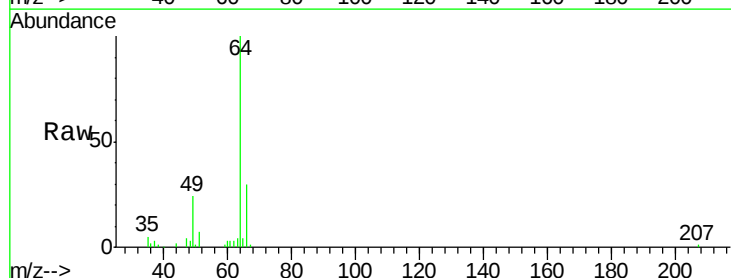
Acq: 17 Apr 2020 21:31

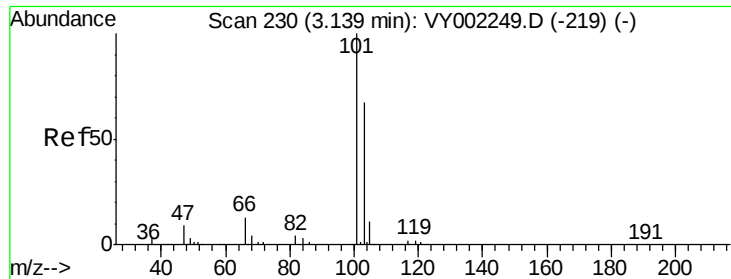
Tgt Ion: 64 Resp: 49465

Ion Ratio Lower Upper

64 100

66 29.8 24.6 37.0





#7

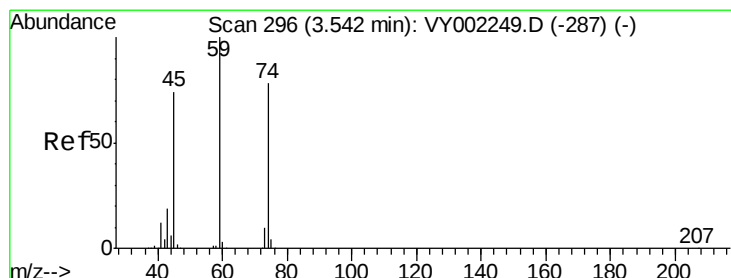
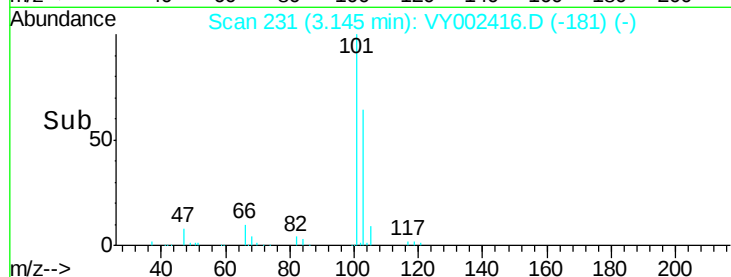
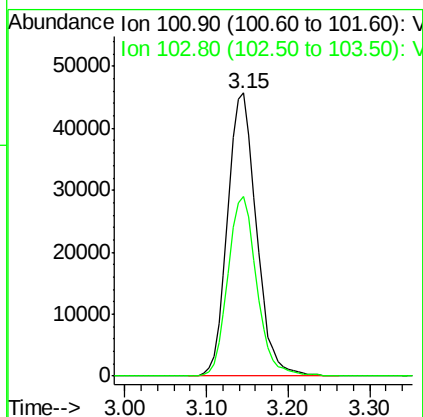
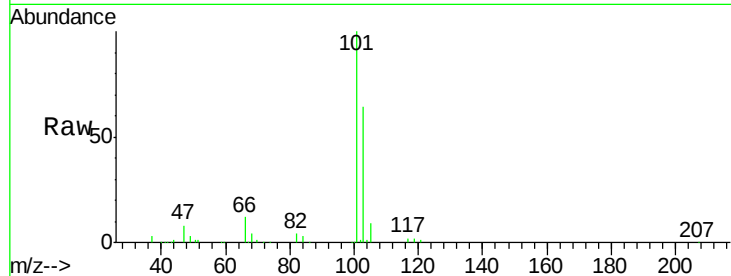
Trichlorofluoromethane
 Concen: 46.494 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	53.3	79.9

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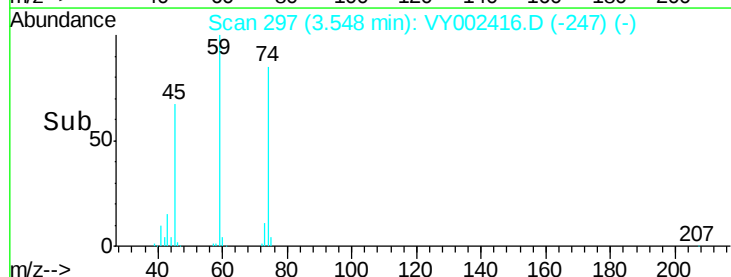
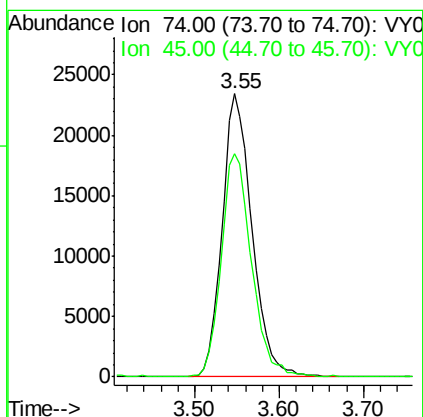
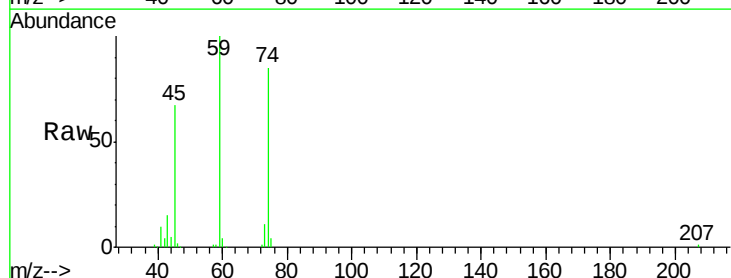
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 4/20/2020 11:41:06 AM

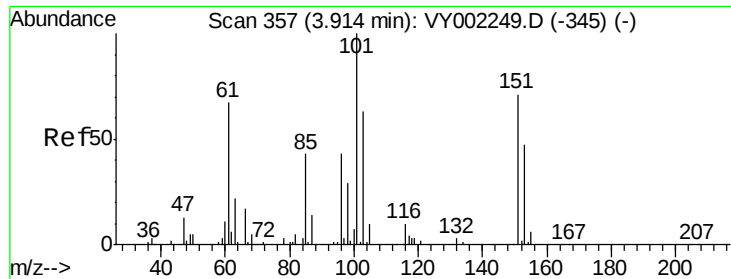


#8

Diethyl Ether
 Concen: 55.761 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.0	48.0	144.2





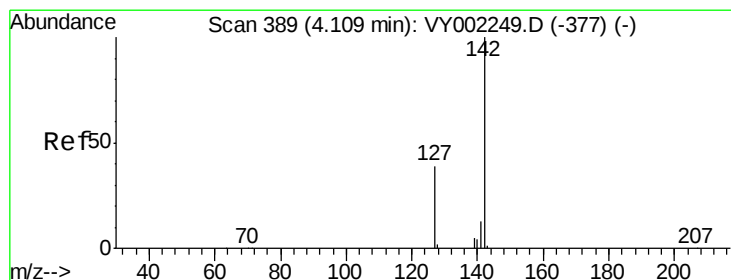
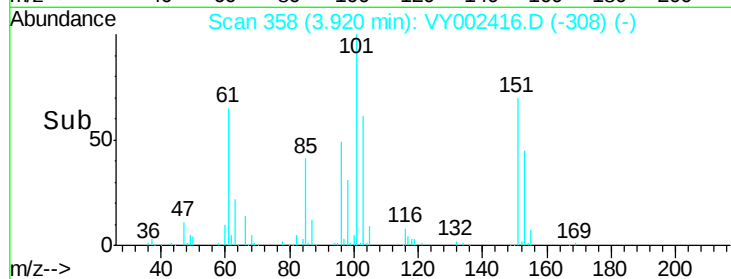
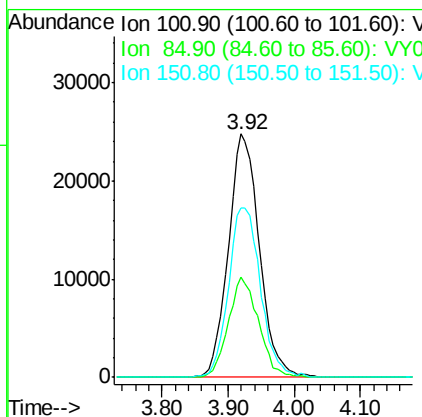
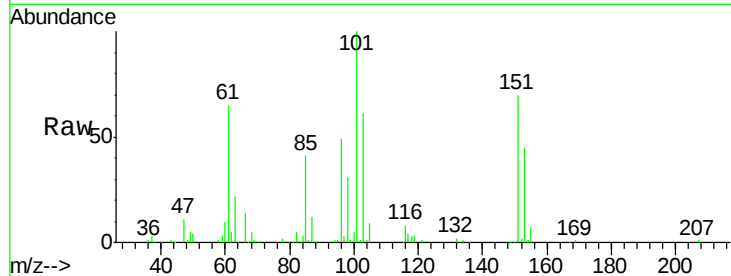
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.514 ug/l
RT: 3.92 min Scan# 358
Delta R.T. 0.01 min
Lab File: VY002416.D
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Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	80532		
85	40.4		34.6	52.0
151	72.1		57.6	86.4

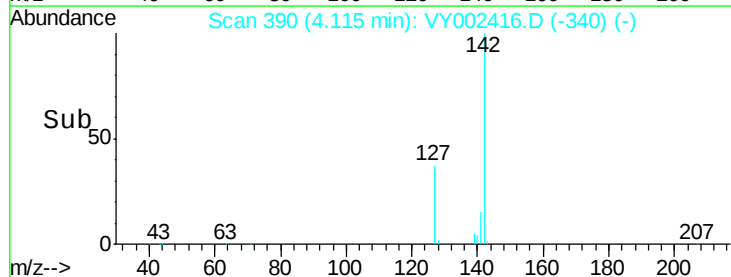
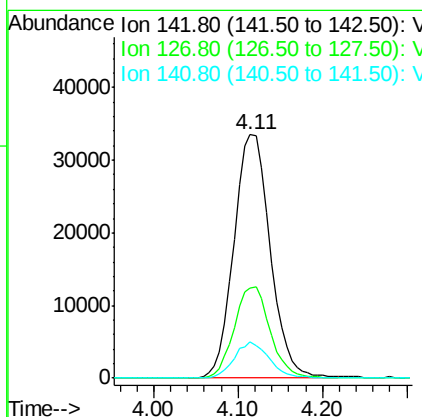
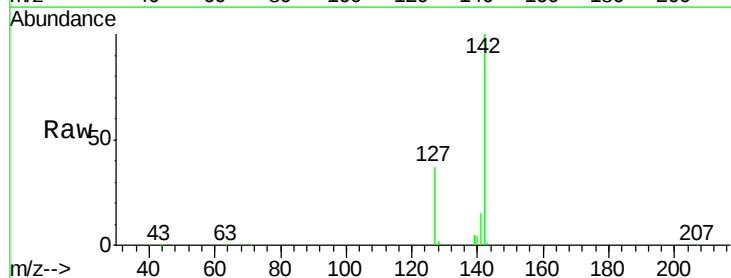
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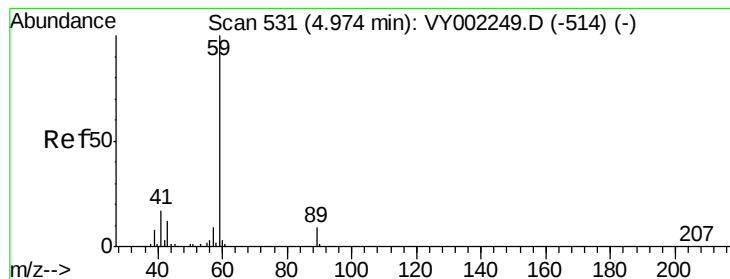
MMDadoda
4/20/2020 11:41:06 AM



#10
Methyl Iodide
Concen: 51.845 ug/l
RT: 4.11 min Scan# 390
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	98016		
127	37.1		32.4	48.6
141	14.1		11.2	16.8





#11

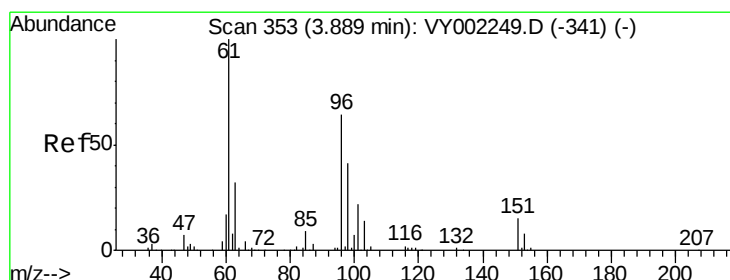
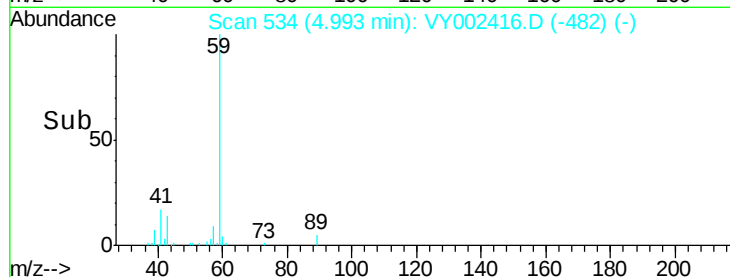
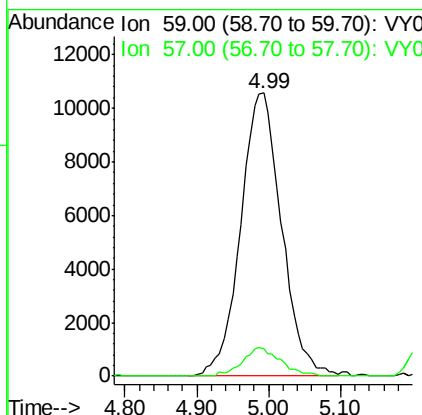
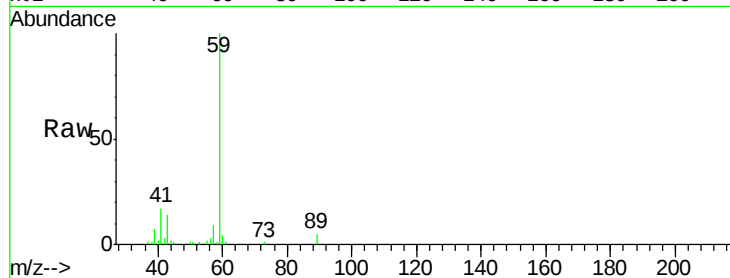
Tert butyl alcohol
 Concen: 258.256 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	41717		
57	9.4	6.6	6.6	9.8

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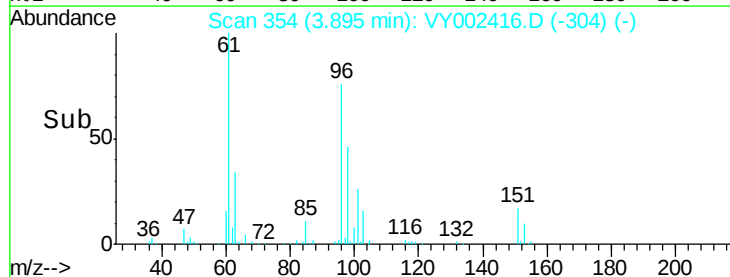
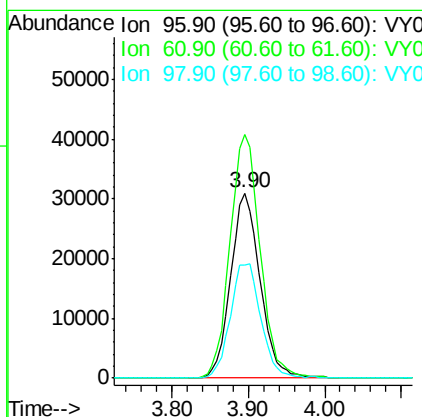
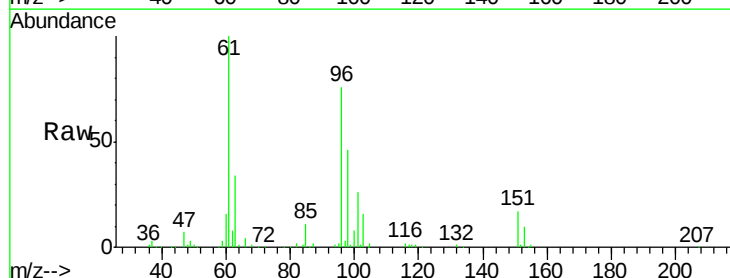
MMDadoda
 4/20/2020 11:41:06 AM

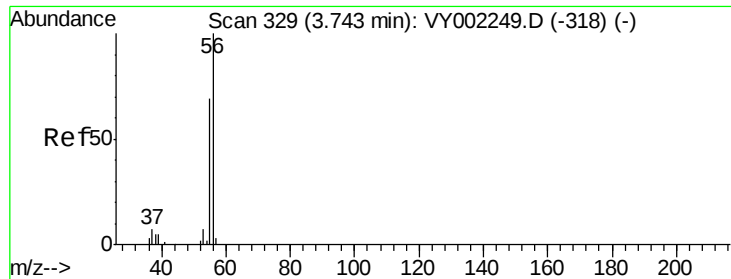


#12

1,1-Dichloroethene
 Concen: 49.892 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	82499		
61	131.3	125.9	125.9	188.9
98	61.0	51.1	51.1	76.7





#13

Acrolein

Concen: 212.117 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 41651

Ion Ratio Lower Upper

56 100

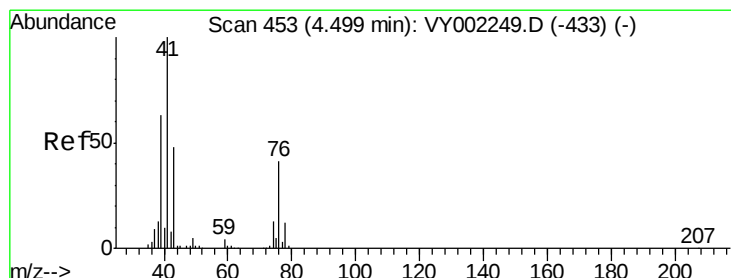
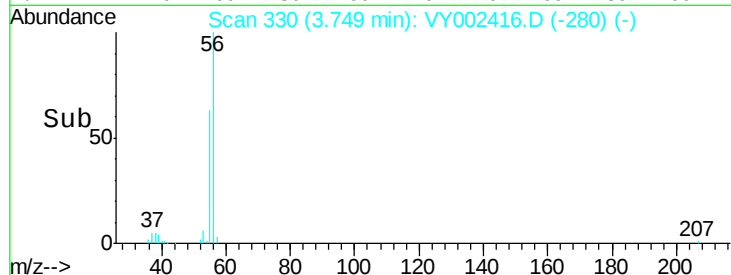
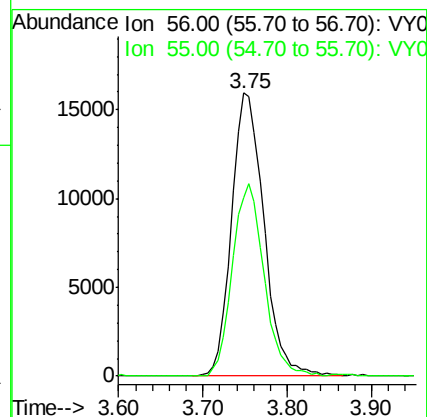
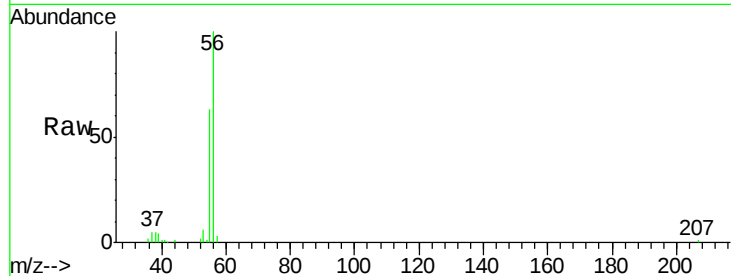
55 66.3 55.8 83.8

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#14

Allyl chloride

Concen: 39.806 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

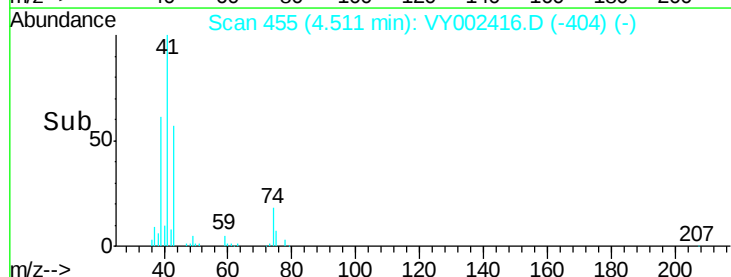
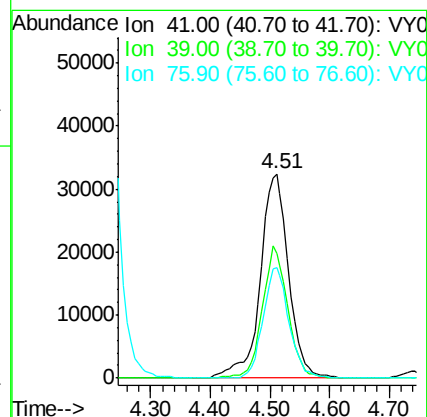
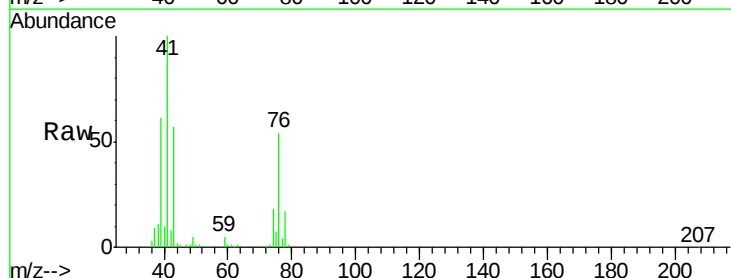
Tgt Ion: 41 Resp: 106289

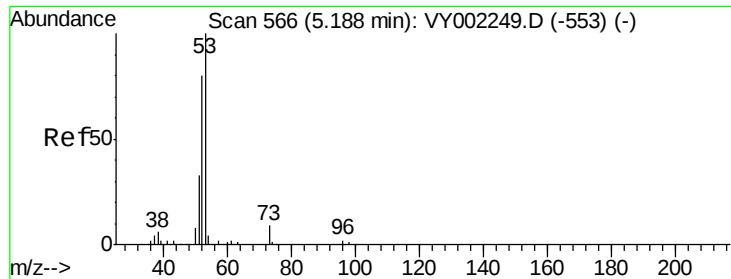
Ion Ratio Lower Upper

41 100

39 58.3 48.0 72.0

76 49.5 31.0 46.6#





#15

Acrylonitrile

Concen: 256.928 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

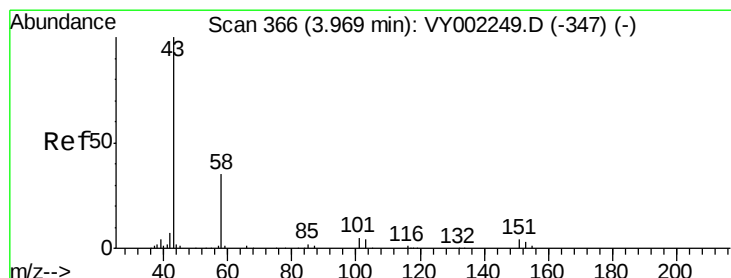
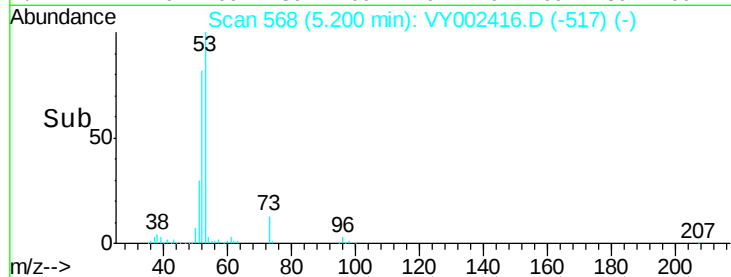
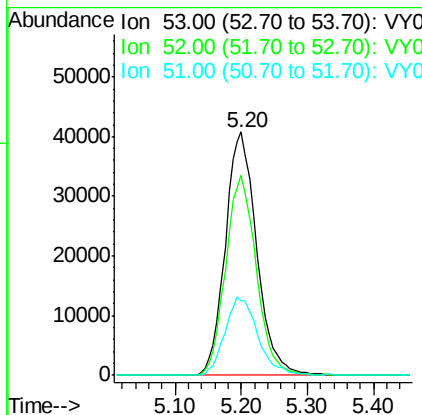
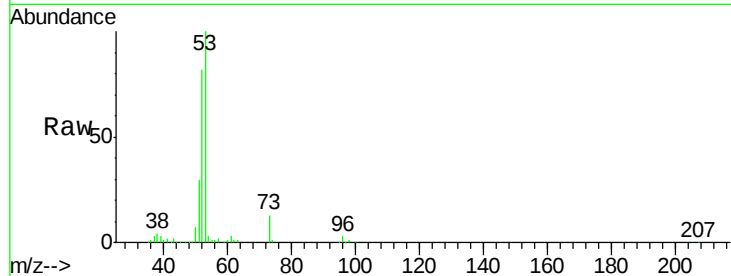
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	133739
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.1	97.7
51	33.8	27.1	40.7

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#16

Acetone

Concen: 205.905 ug/l

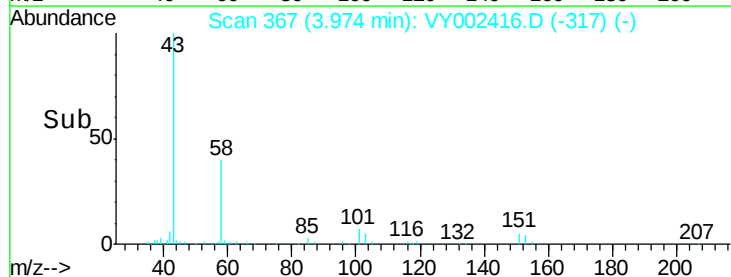
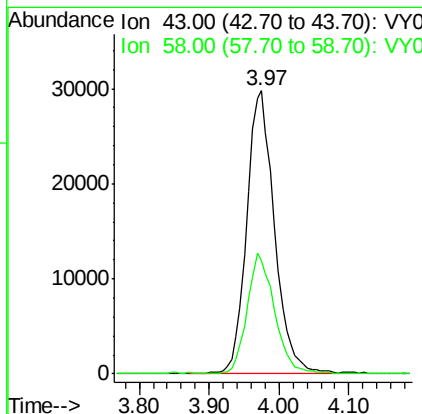
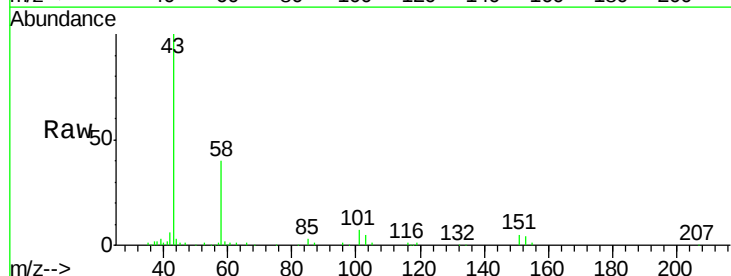
RT: 3.97 min Scan# 367

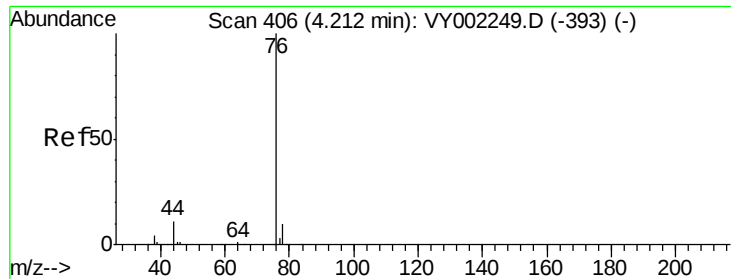
Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Tgt Ion:	43	Resp:	82590
Ion	Ratio	Lower	Upper
43	100		
58	39.6	28.5	42.7





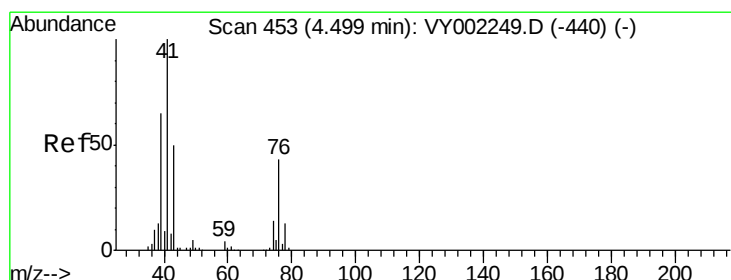
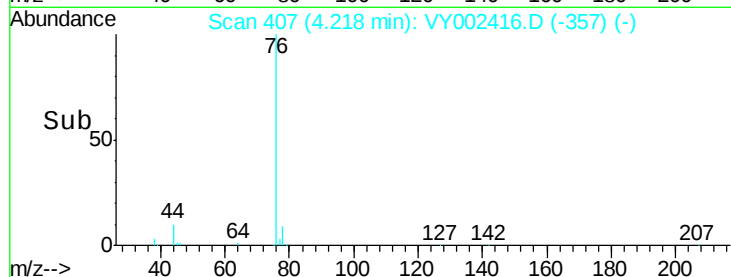
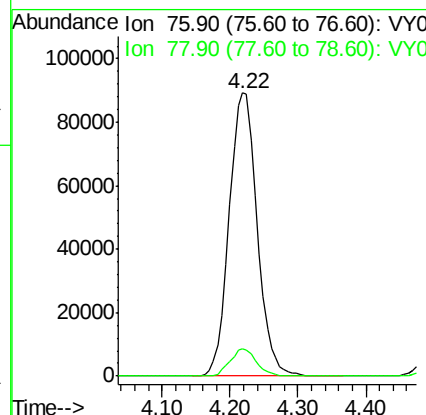
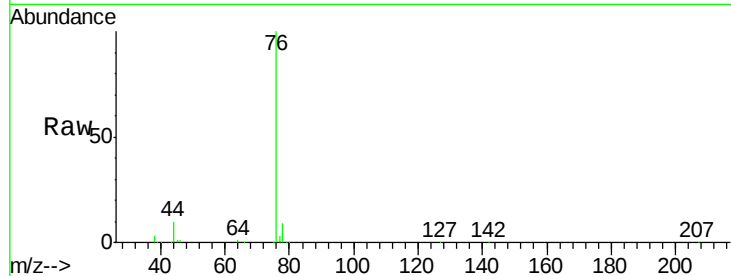
#17
Carbon Disulfide
Concen: 46.402 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.7	11.5

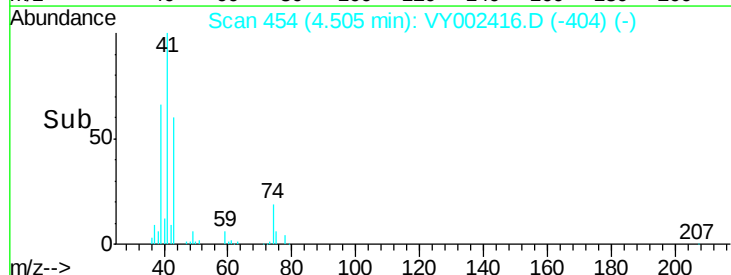
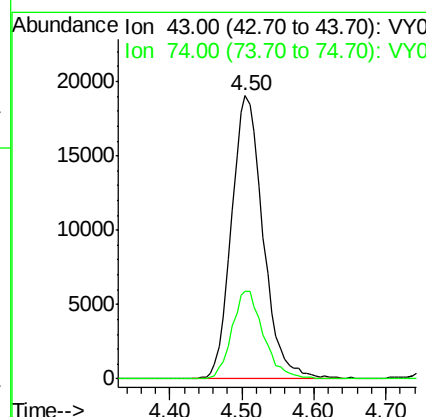
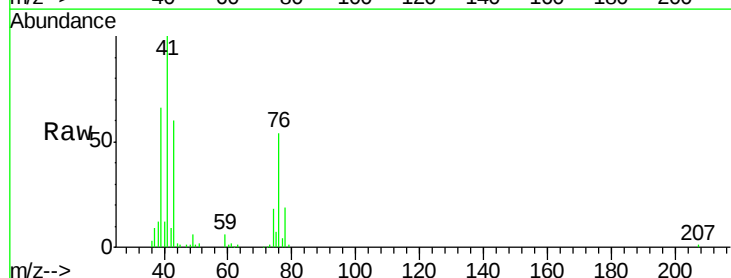
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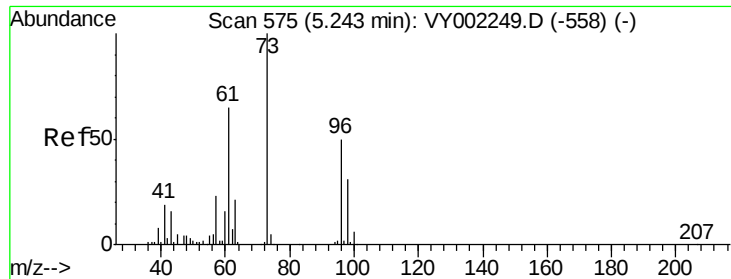
MMDadoda
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#18
Methyl Acetate
Concen: 46.740 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.0	20.3	30.5#





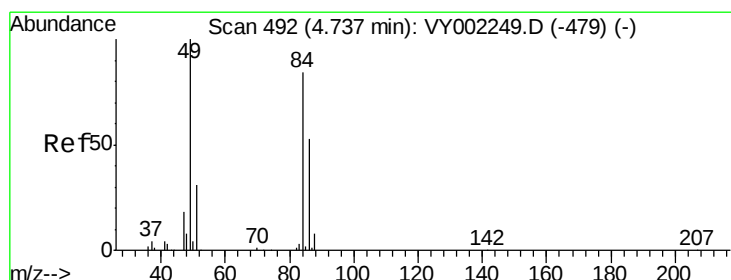
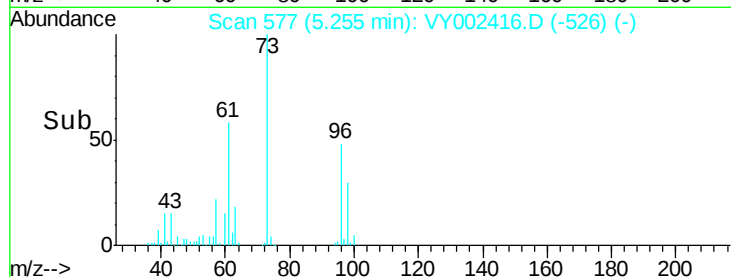
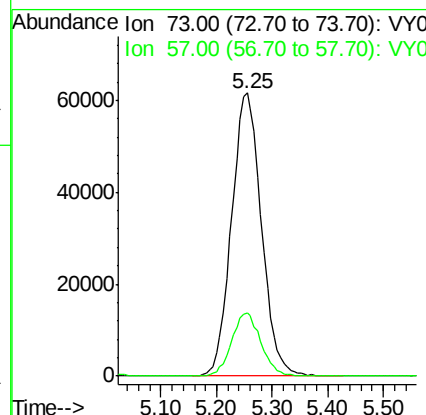
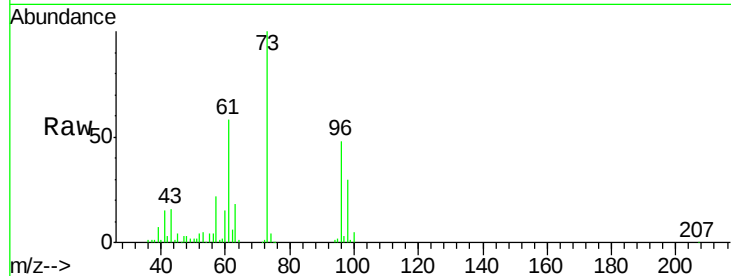
#19
Methvl tert-butvl Ether
Concen: 52.558 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 228476
Ion Ratio Lower Upper
73 100
57 22.4 18.7 28.1

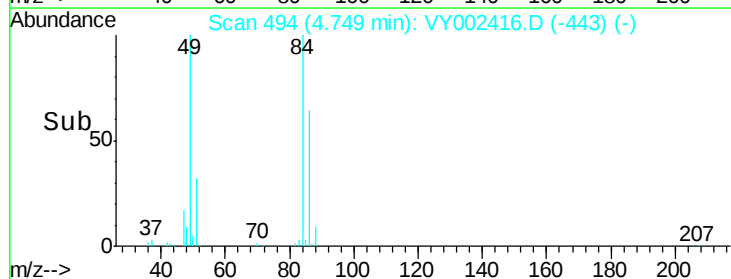
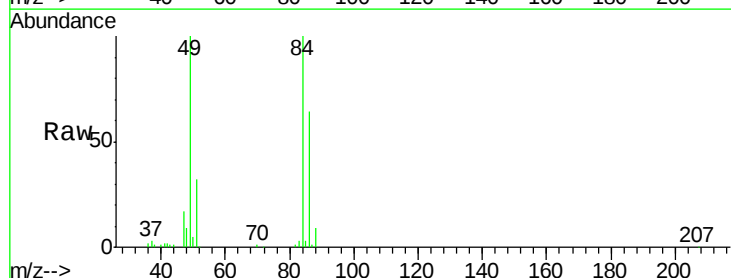
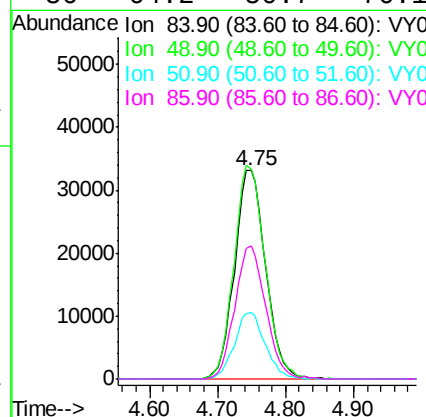
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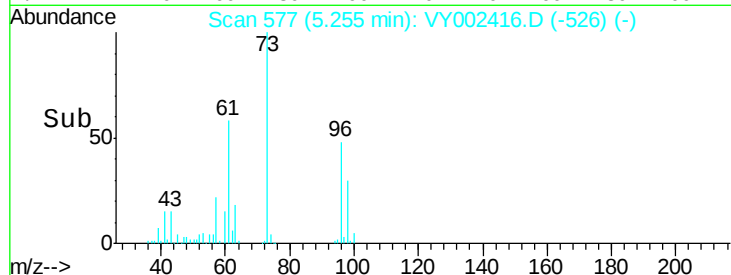
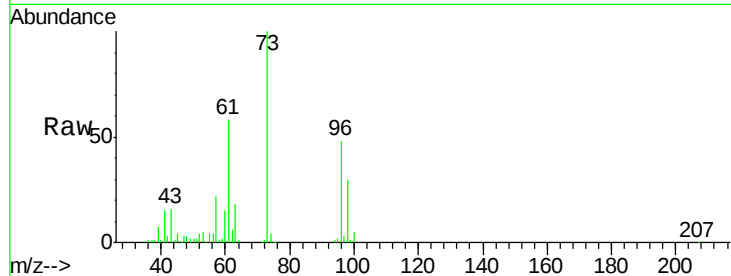
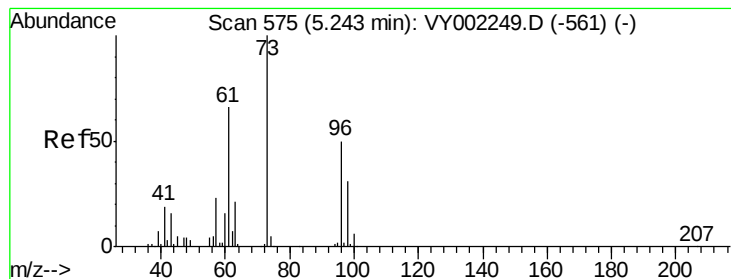
MMDadoda
4/20/2020 11:41:06 AM



#20
Methylene Chloride
Concen: 53.341 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 84 Resp: 105162
Ion Ratio Lower Upper
84 100
49 100.4 95.5 143.3
51 32.2 29.5 44.3
86 64.2 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 50.315 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002416.D

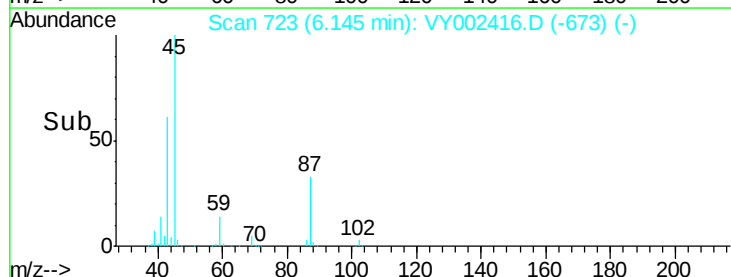
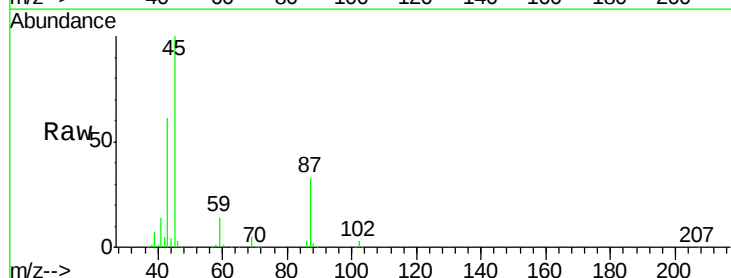
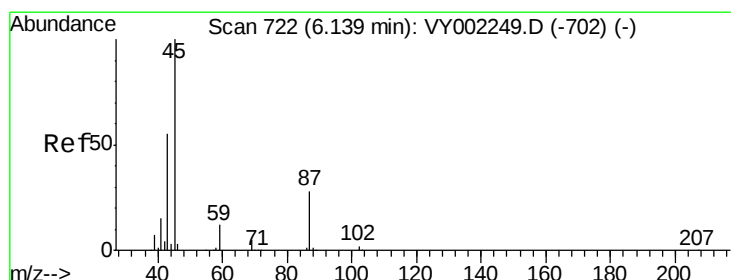
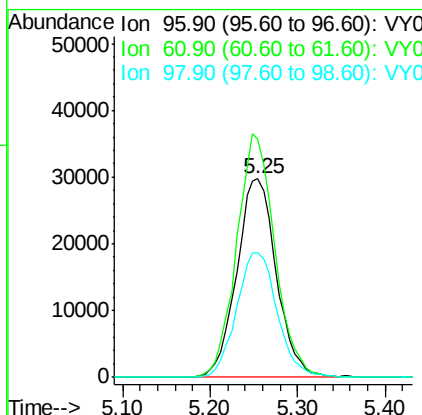
Acq: 17 Apr 2020 21:31

Tot Ion:	96	Resp:	93386
Ion	Ratio	Lower	Upper
96	100		
61	119.9	104.6	157.0
98	62.7	50.1	75.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 43.813 ug/l

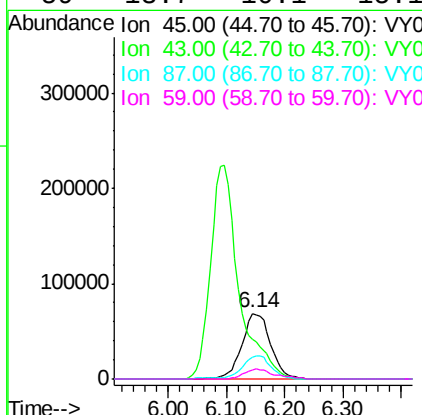
RT: 6.14 min Scan# 723

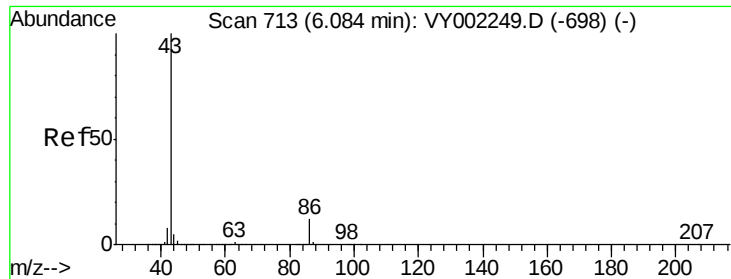
Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Tgt Ion:	45	Resp:	235436
Ion	Ratio	Lower	Upper
45	100		
43	61.1	44.7	67.1
87	33.3	23.0	34.4
59	13.7	10.1	15.1





#23

Vinyl Acetate

Concen: 220.944 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 756602

Ion Ratio Lower Upper

43 100

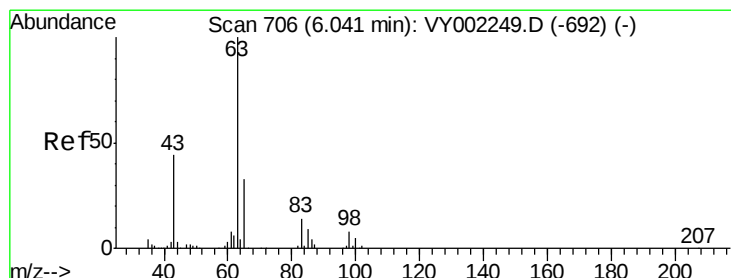
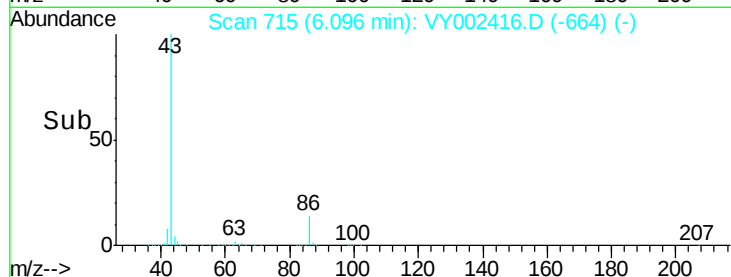
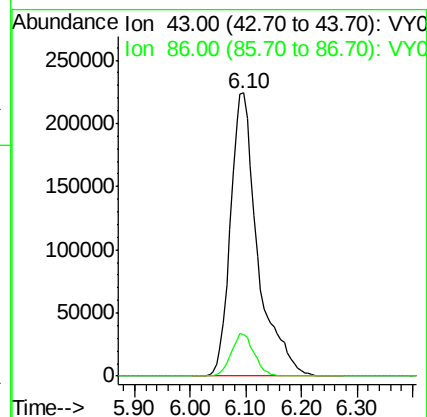
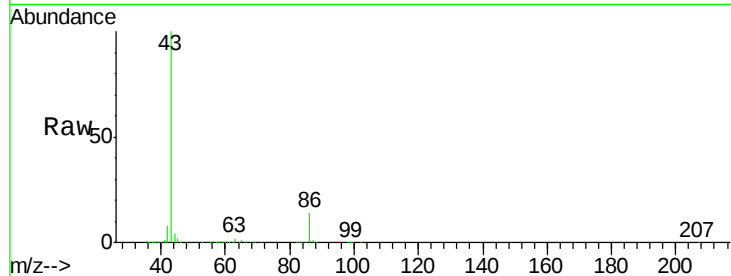
86 14.5 9.2 13.8#

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#24

1,1-Dichloroethane

Concen: 48.162 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

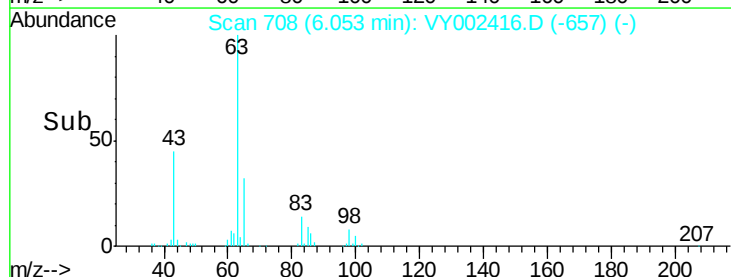
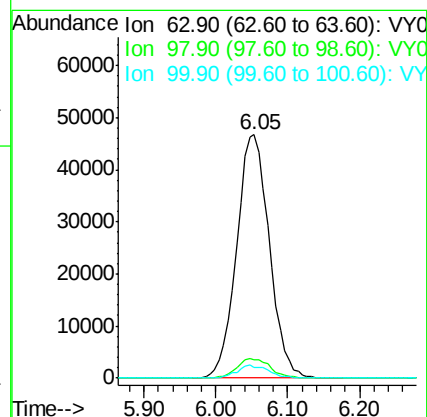
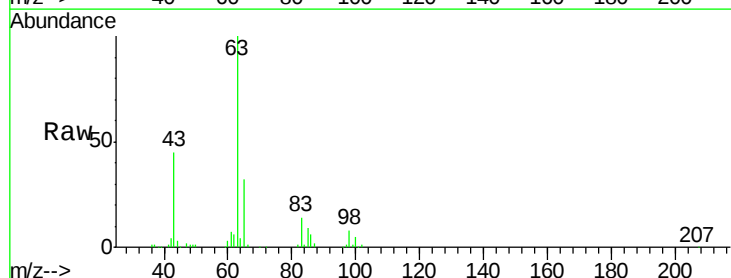
Tgt Ion: 63 Resp: 147206

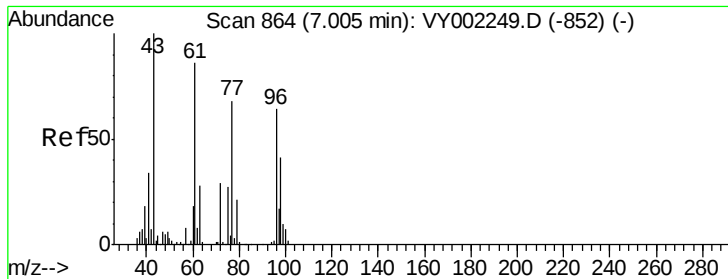
Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 217.526 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 138079

Ion Ratio Lower Upper

43 100

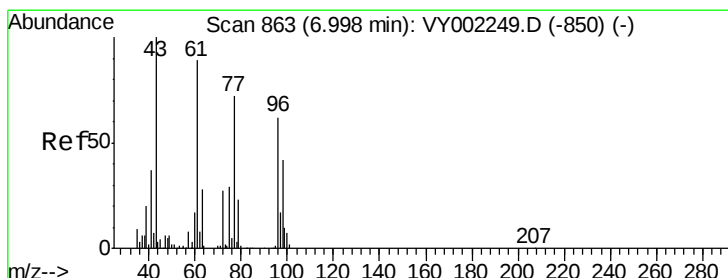
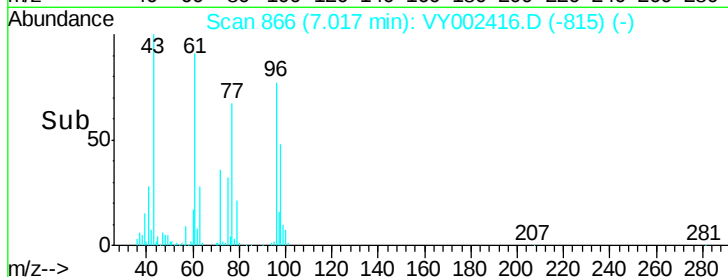
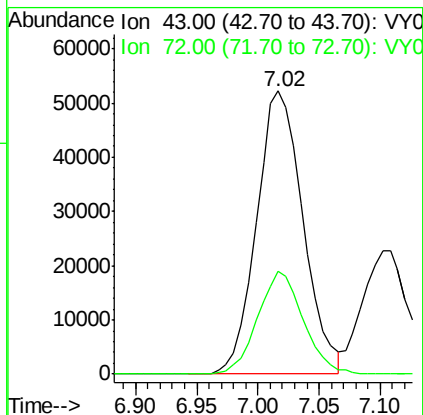
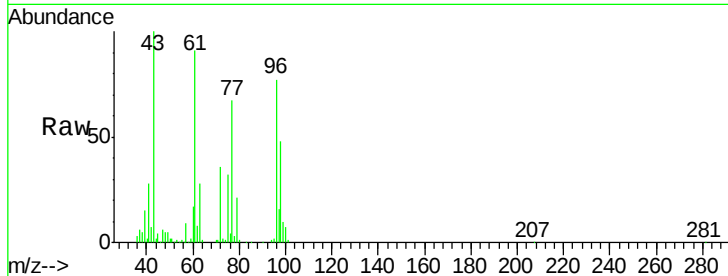
72 36.4 23.2 34.8#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.678 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.02 min

Lab File: VY002416.D

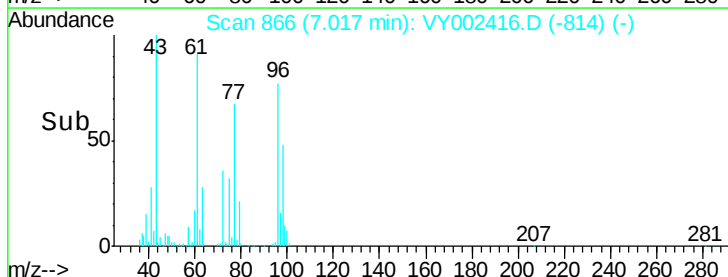
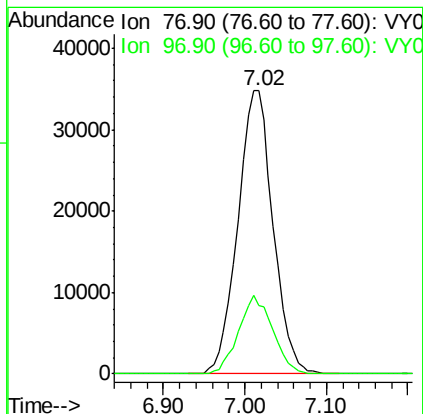
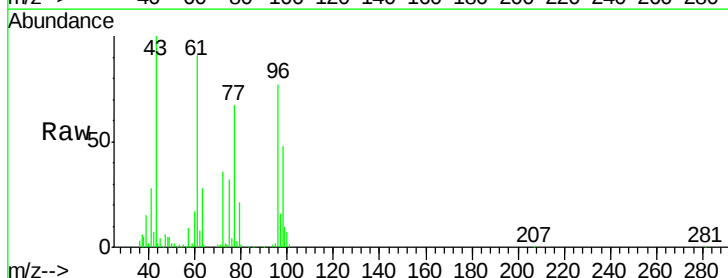
Acq: 17 Apr 2020 21:31

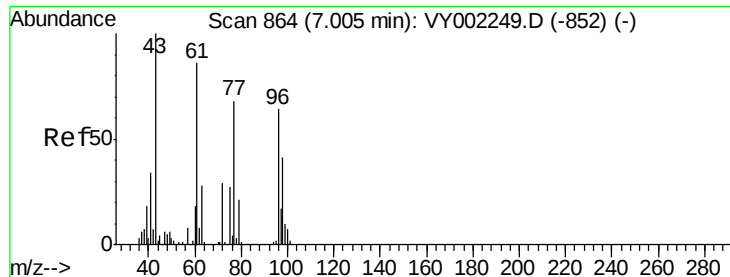
Tgt Ion: 77 Resp: 104004

Ion Ratio Lower Upper

77 100

97 27.0 12.2 36.6





#27

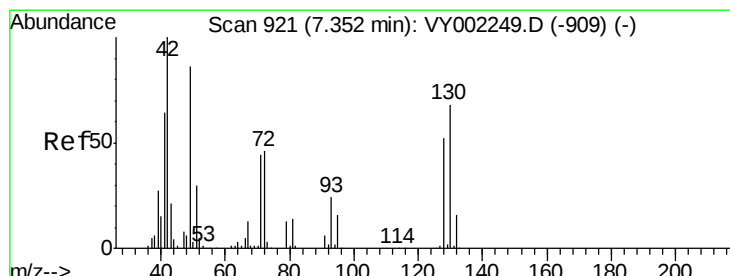
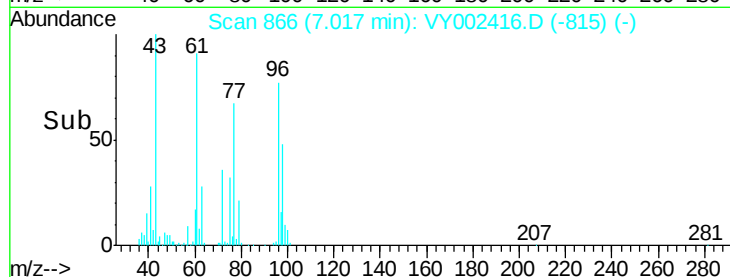
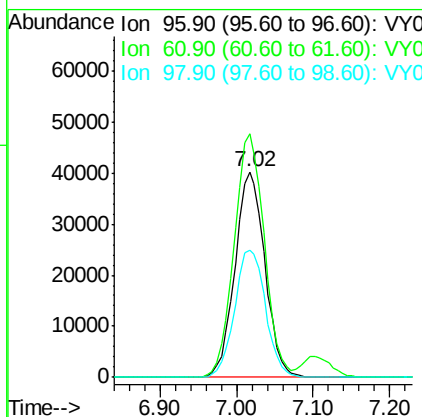
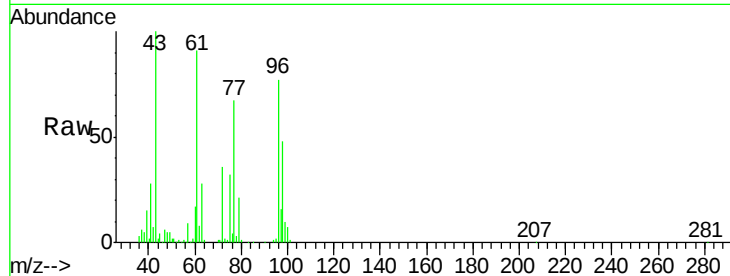
cis-1,2-Dichloroethene
 Concen: 53.775 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.5	0.0	278.0
98	64.3	0.0	128.6

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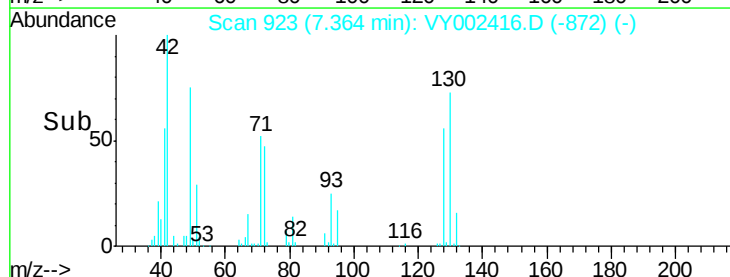
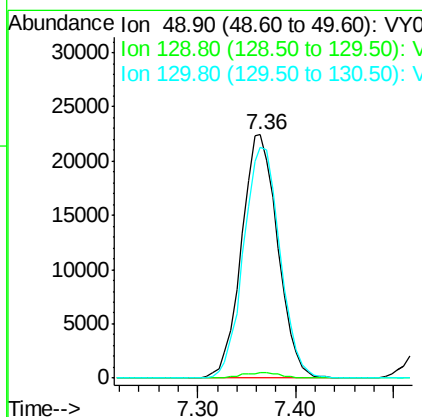
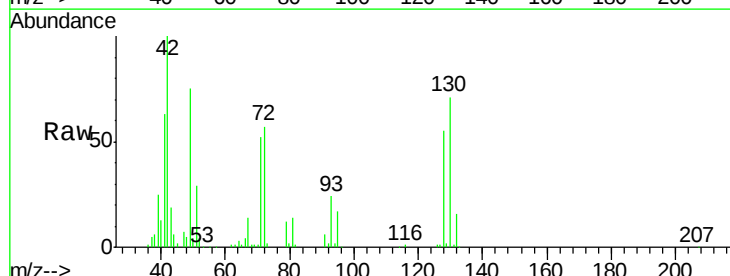
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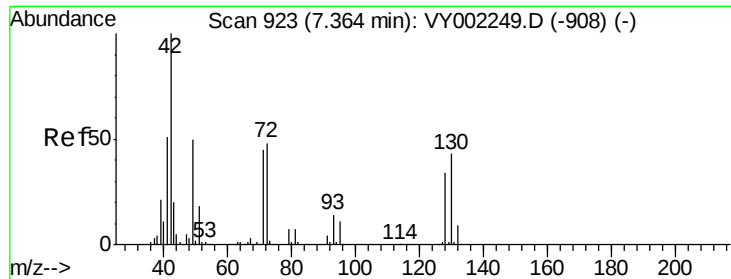


#28

Bromochloromethane
 Concen: 43.719 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	95.1	60.9	91.3#





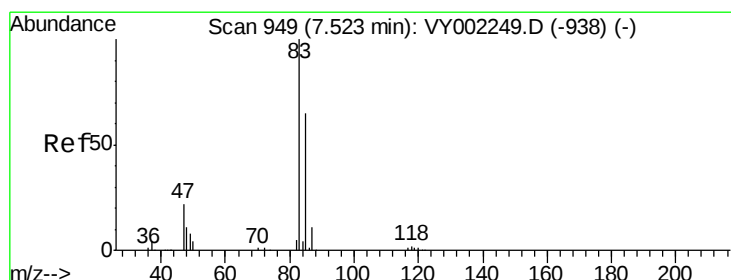
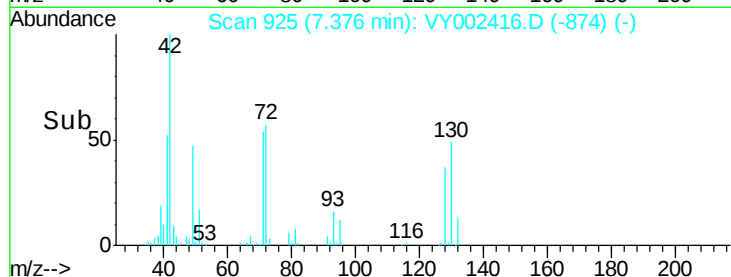
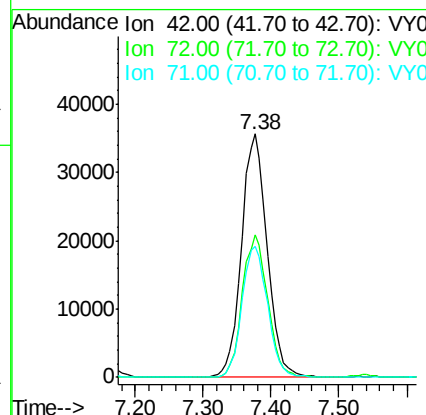
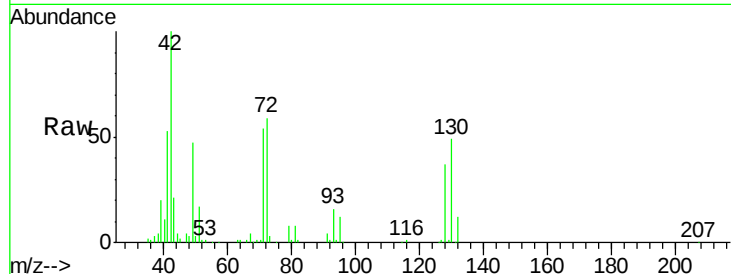
#29
Tetrahydrofuran
Concen: 222.558 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.0	36.7	55.1#
71	53.6	34.7	52.1#

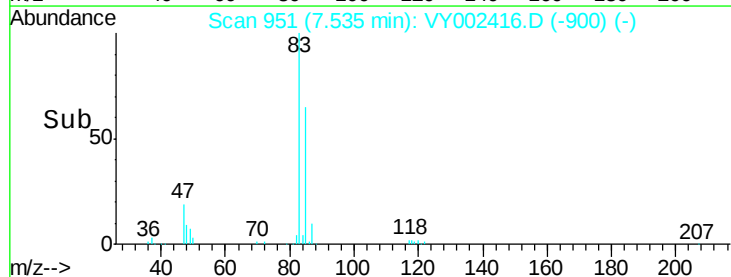
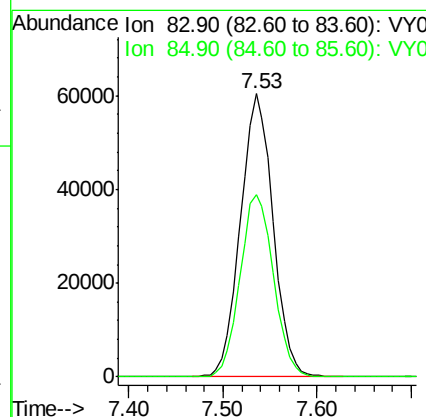
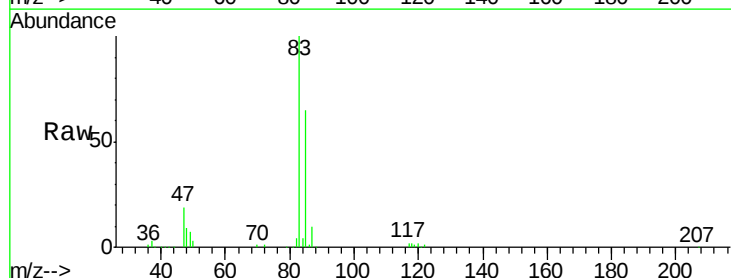
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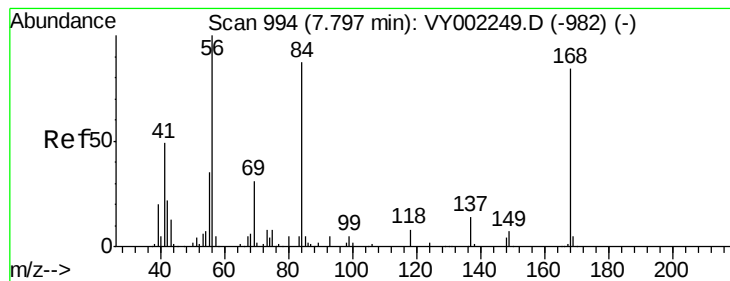
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#30
Chloroform
Concen: 50.669 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0





#31

Cyclohexane

Concen: 39.778 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 127622

Ion Ratio Lower Upper

56 100

69 37.3 25.0 37.6

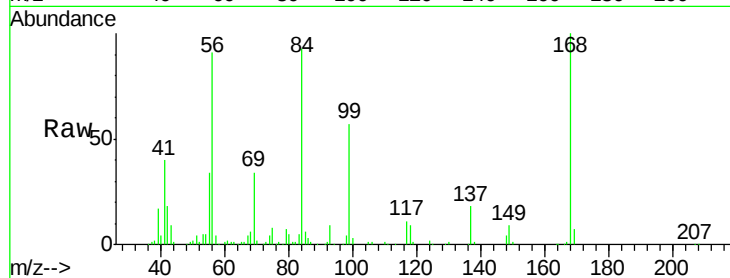
84 100.4 69.7 104.5

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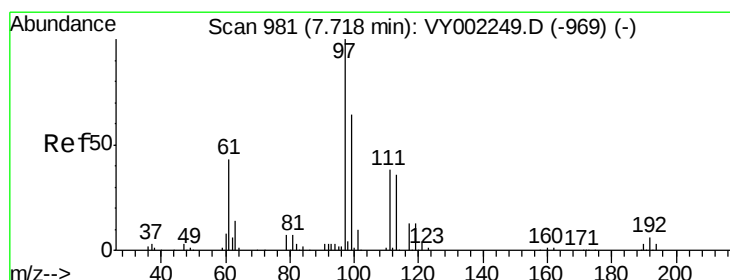
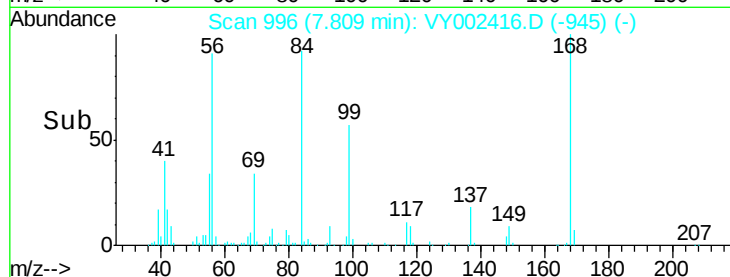
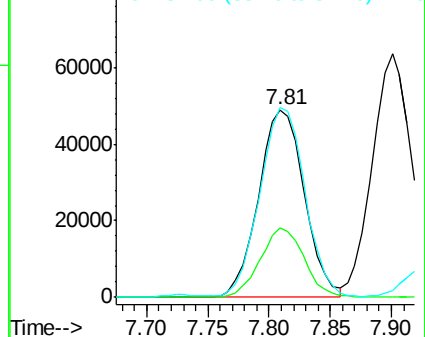
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 48.252 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

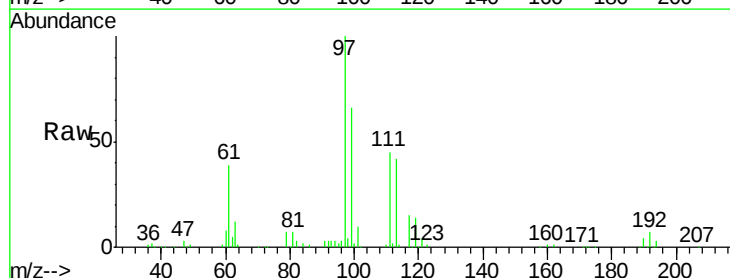
Tgt Ion: 97 Resp: 115714

Ion Ratio Lower Upper

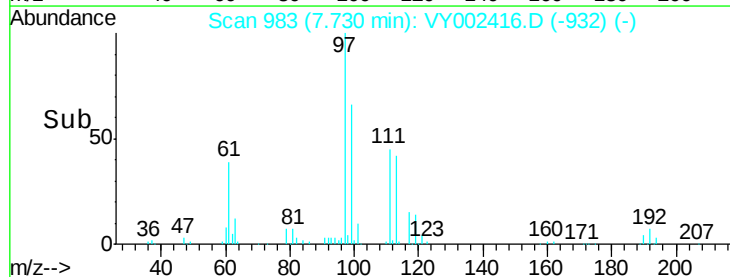
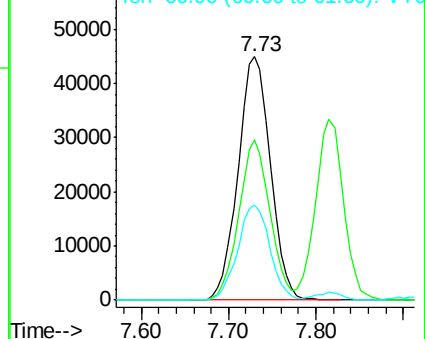
97 100

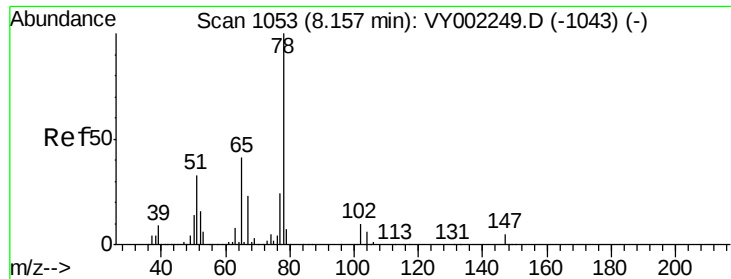
99 63.0 51.3 76.9

61 38.9 34.3 51.5



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





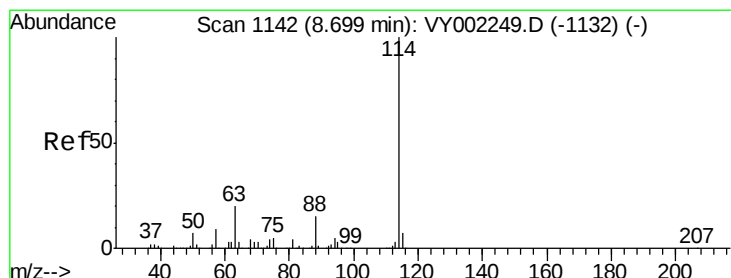
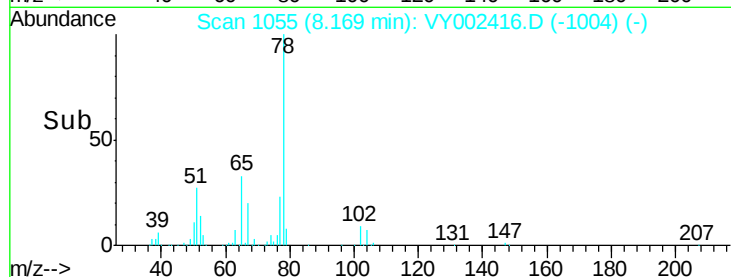
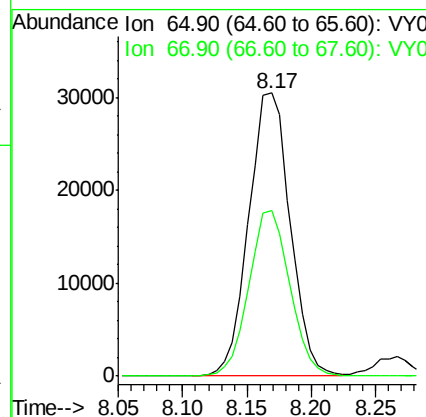
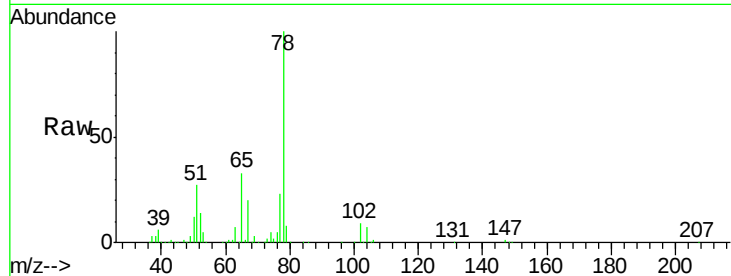
#33
 1,2-Dichloroethane-d4
 Concen: 44.543 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	67835		
67	57.6	0.0	114.0	

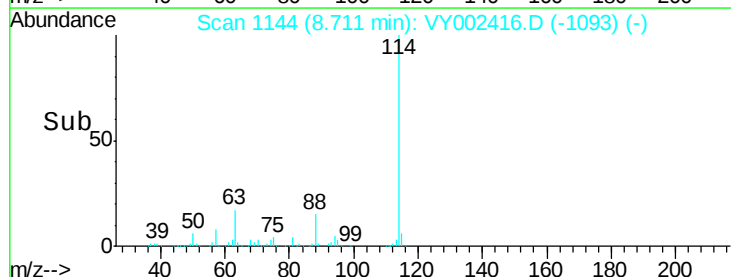
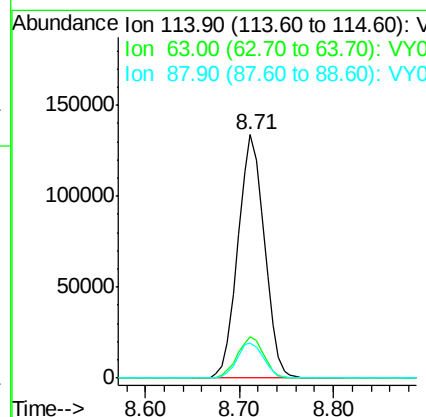
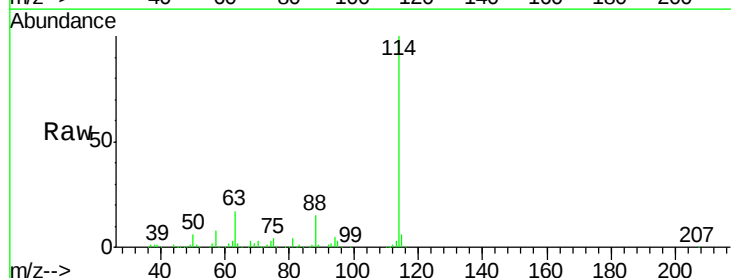
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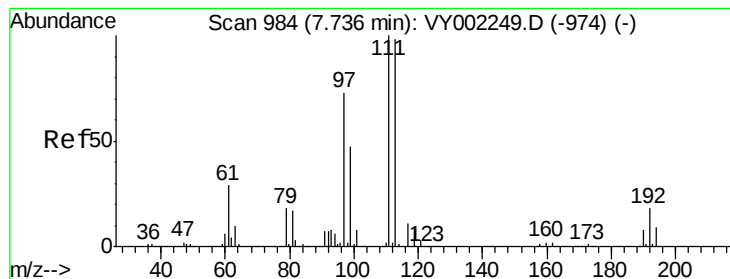
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	262128		
63	17.2	0.0	39.0	
88	14.6	0.0	31.0	





#35

Dibromofluoromethane

Concen: 48.067 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 74972

Ion Ratio Lower Upper

113 100

111 102.8 83.5 125.3

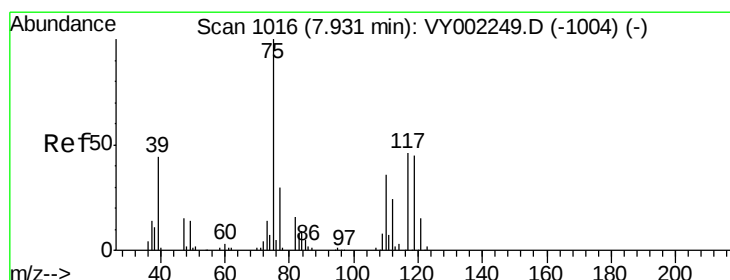
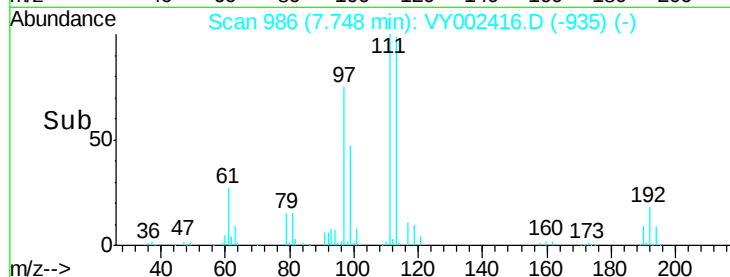
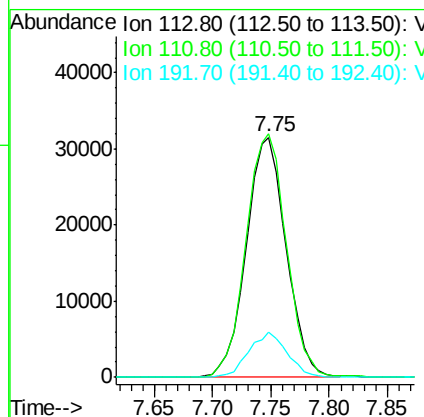
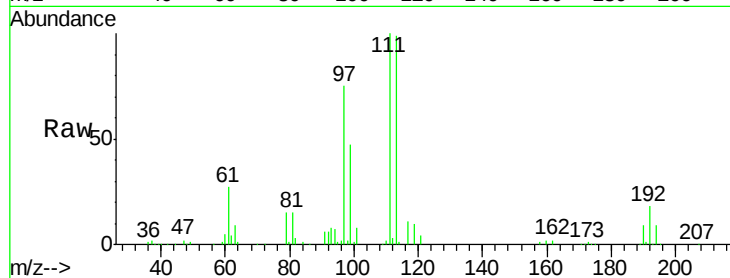
192 18.0 14.7 22.1

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#36

1,1-Dichloropropene

Concen: 42.508 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

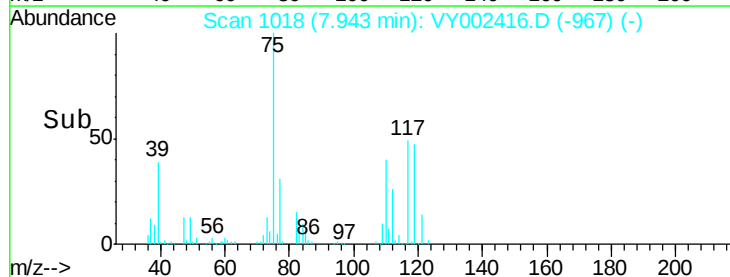
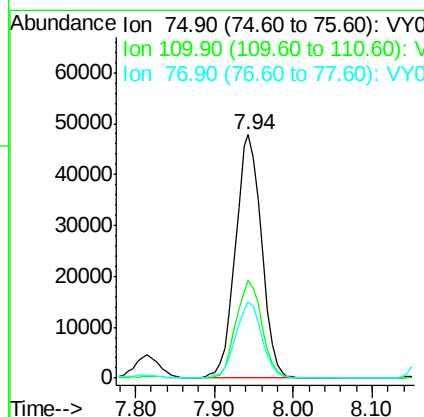
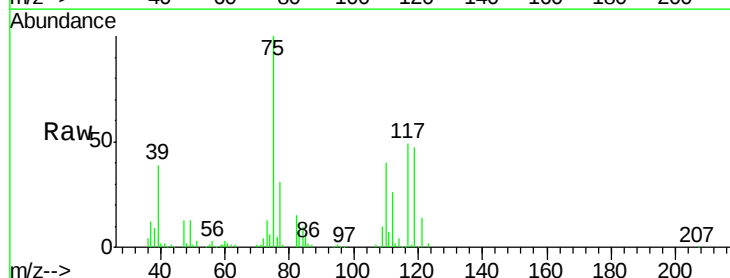
Tgt Ion: 75 Resp: 109752

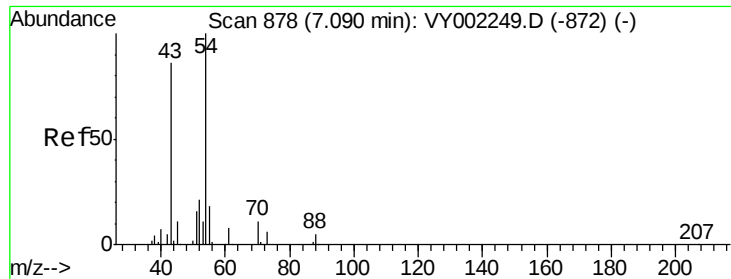
Ion Ratio Lower Upper

75 100

110 39.8 17.8 53.3

77 31.6 24.4 36.6





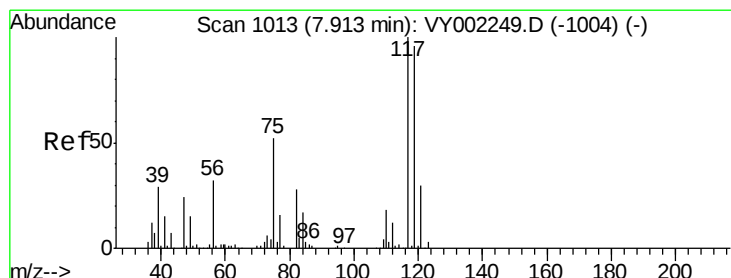
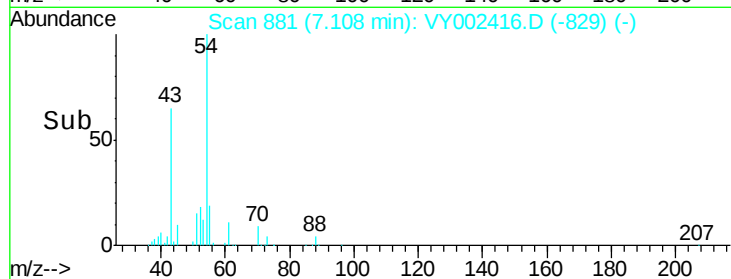
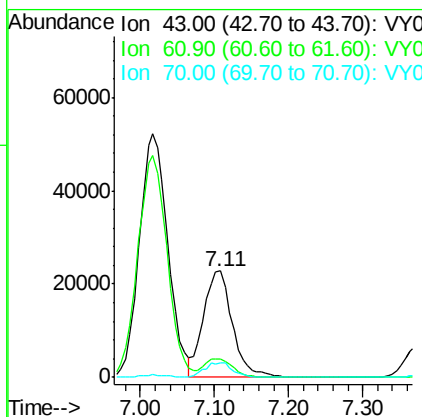
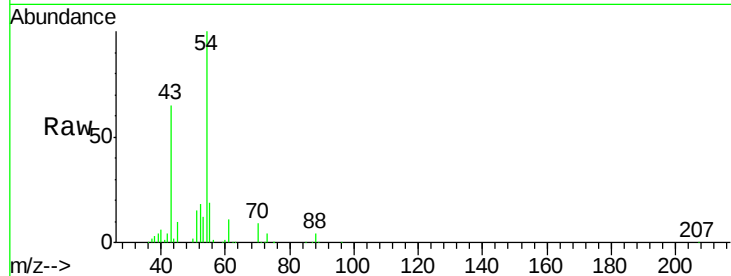
#37
Ethyl Acetate
Concen: 41.893 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	11.8	17.6#
70	13.3	9.1	13.7

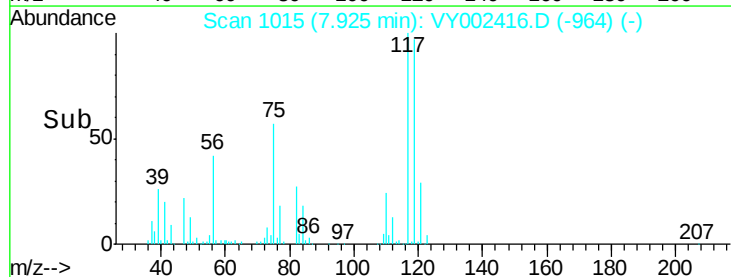
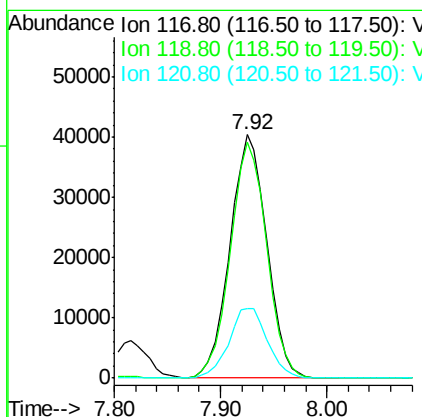
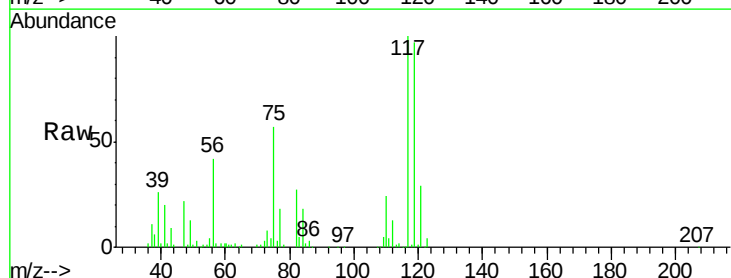
Manual Integrations
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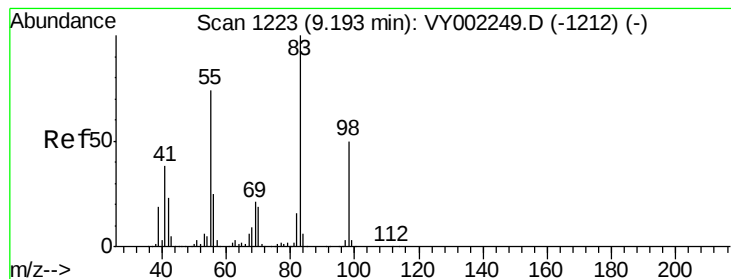
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#38
Carbon Tetrachloride
Concen: 44.397 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.1	115.7
121	28.6	23.9	35.9





#39

Methylvlcvclohexane

Concen: 43.157 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

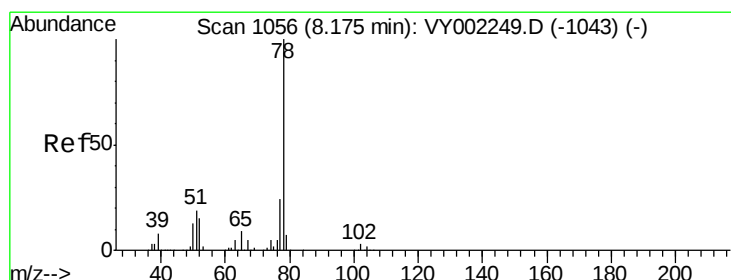
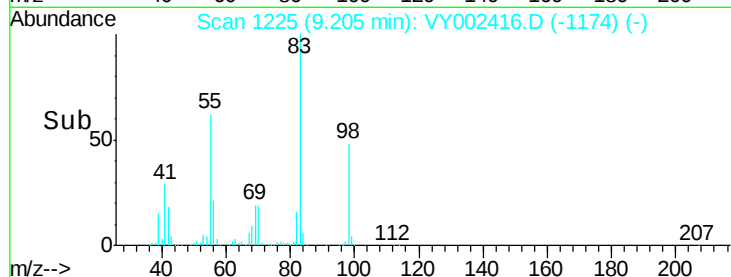
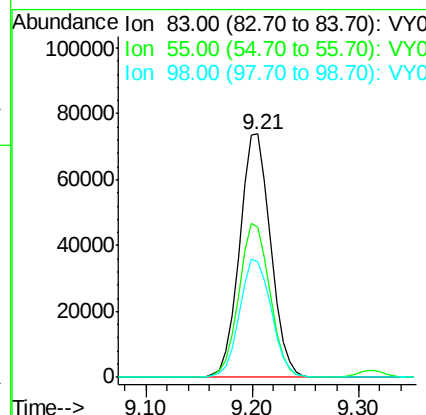
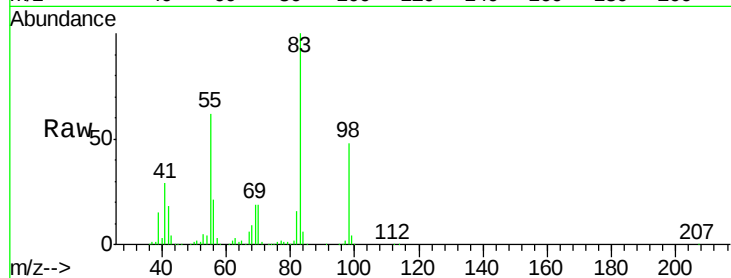
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	151576
Ion	Ratio	Lower	Upper
83	100		
55	61.6	59.3	88.9
98	47.7	39.6	59.4

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#40

Benzene

Concen: 47.893 ug/l

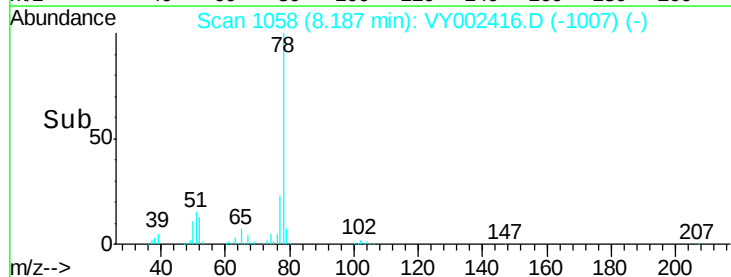
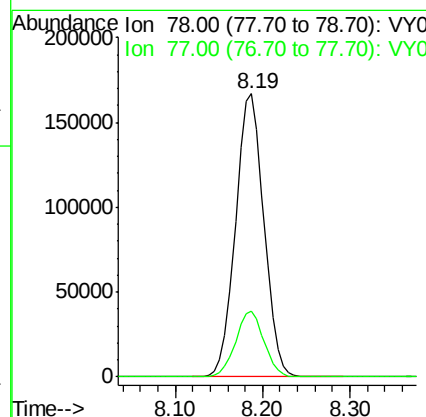
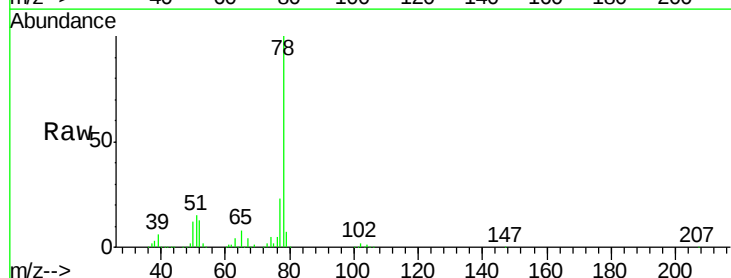
RT: 8.19 min Scan# 1058

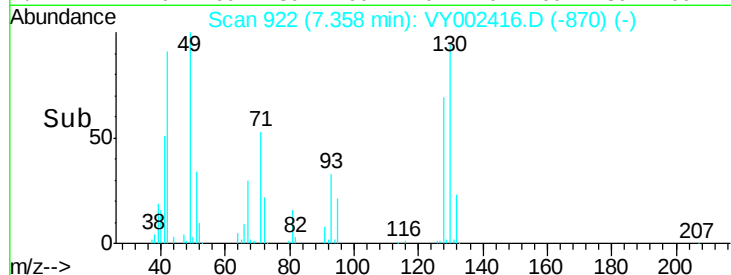
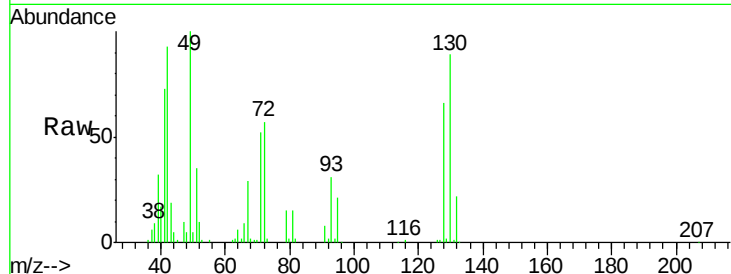
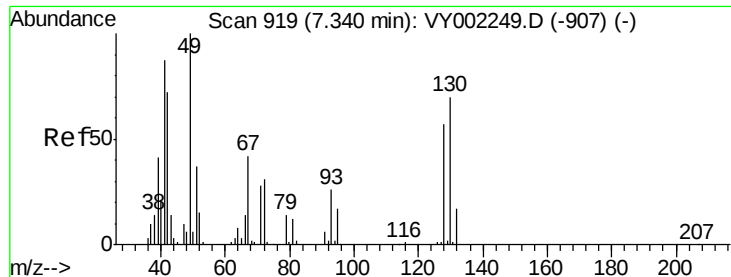
Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Tgt Ion:	78	Resp:	375173
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





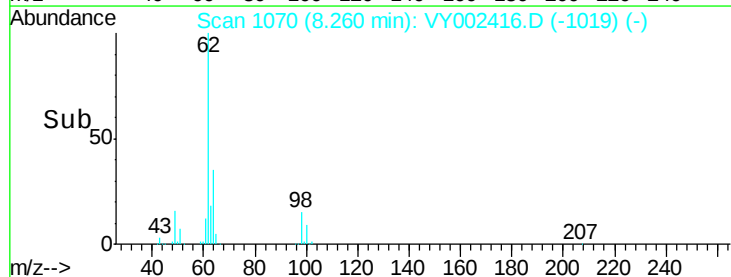
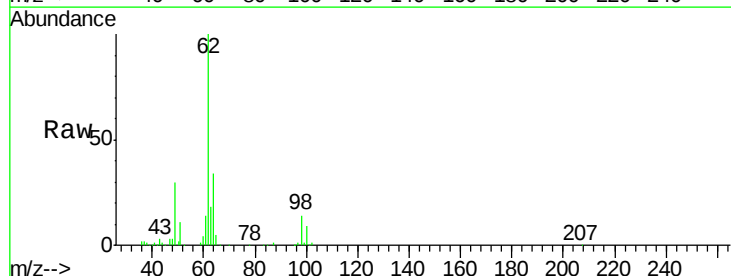
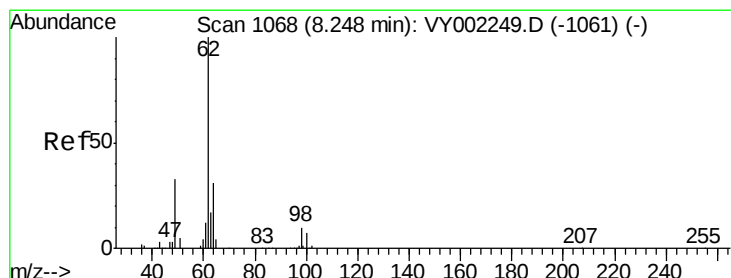
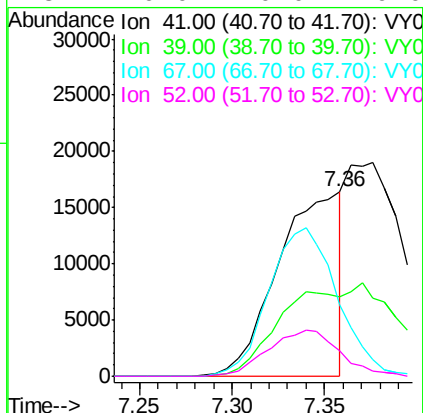
#41
Methacrylonitrile
Concen: 45.069 ug/l m
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		39216		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

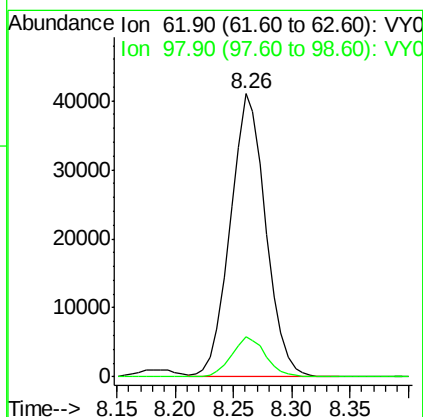
Manual Integrations
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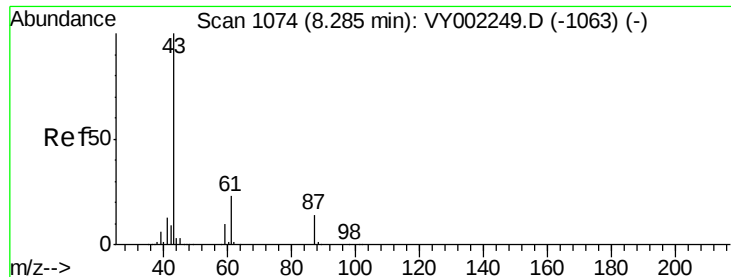
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#42
1,2-Dichloroethane
Concen: 44.715 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		86769		
98	13.7	0.0	22.6		





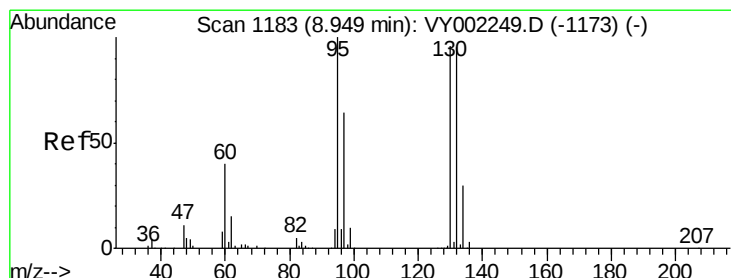
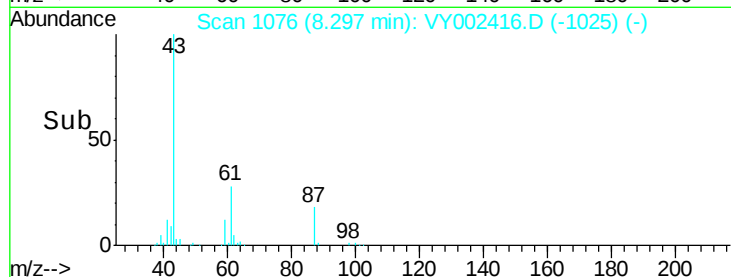
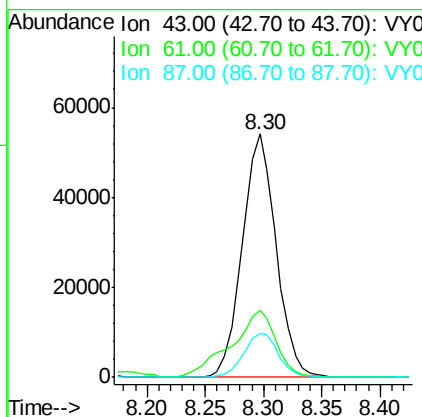
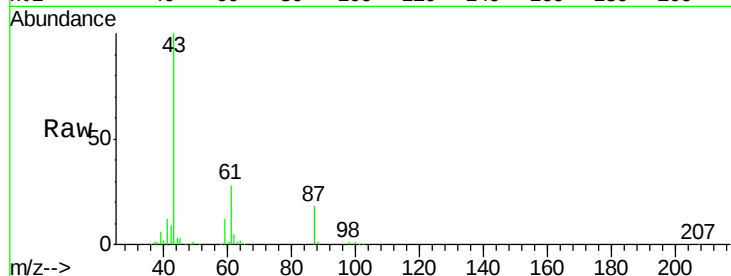
#43
Isopropyl Acetate
Concen: 40.753 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	36.3	24.9	37.3
87	18.9	11.7	17.5

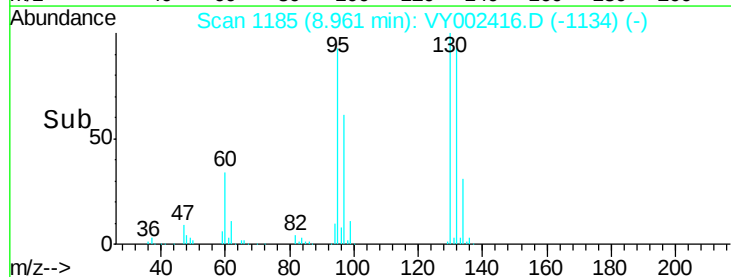
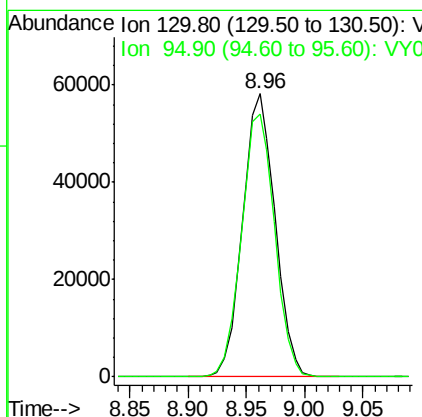
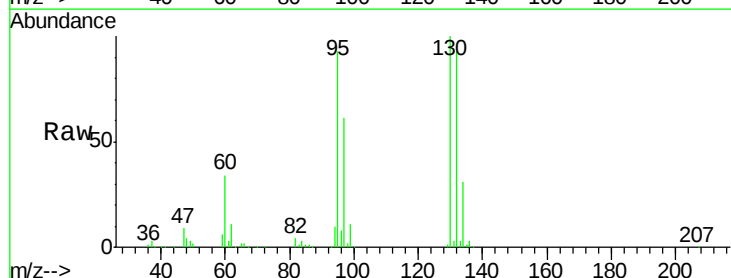
Manual Integrations
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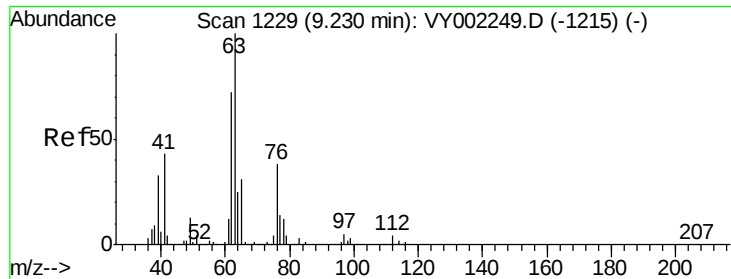
MMDadoda
4/20/2020 11:41:06 AM



#44
Trichloroethene
Concen: 49.093 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	208.2





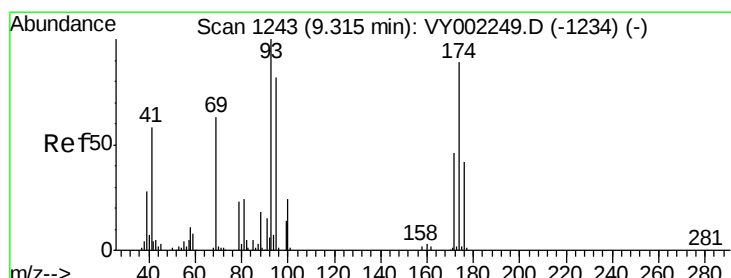
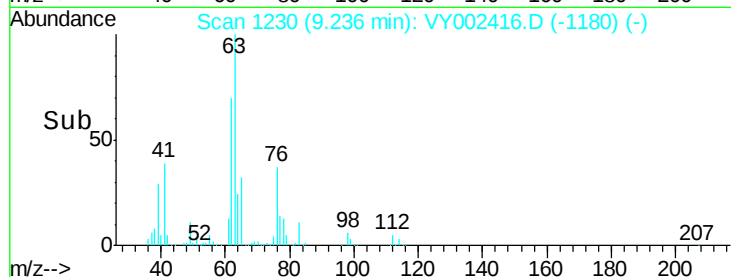
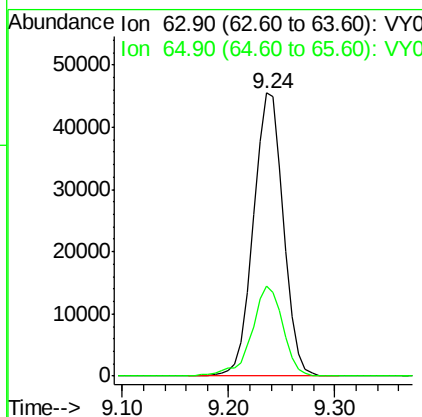
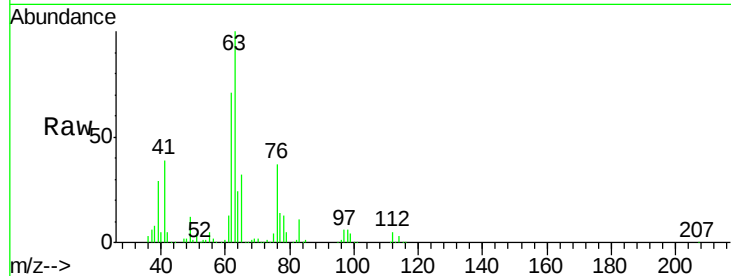
#45
 1,2-Dichloropropane
 Concen: 46.225 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.6	37.0

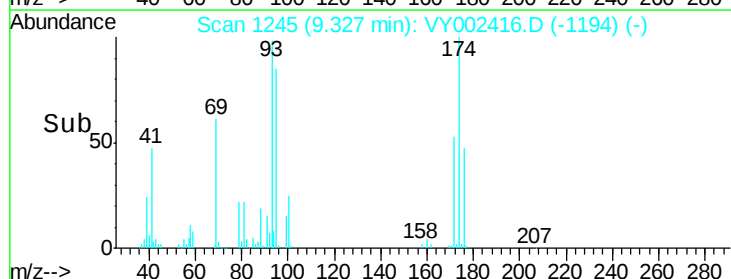
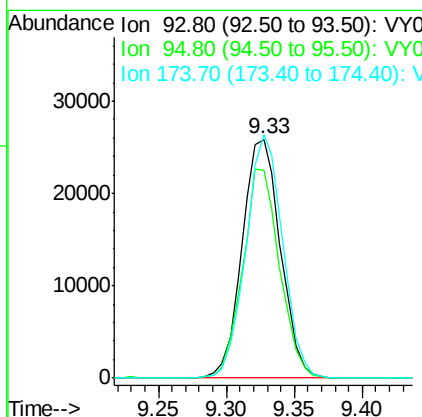
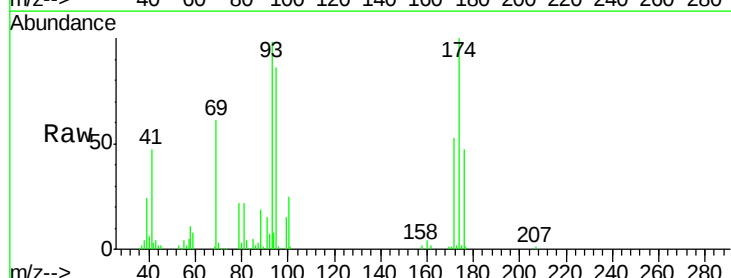
Manual Integrations
 APPROVED

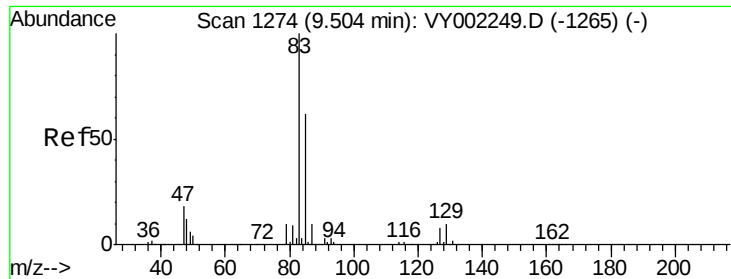
MMDadoda
 4/20/2020 11:41:06 AM



#46
 Dibromomethane
 Concen: 50.150 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.3	100.9
174	98.2	72.5	108.7





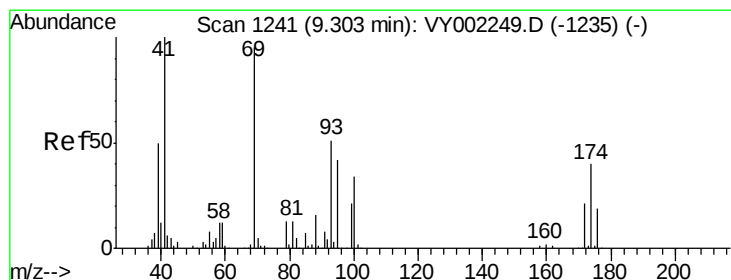
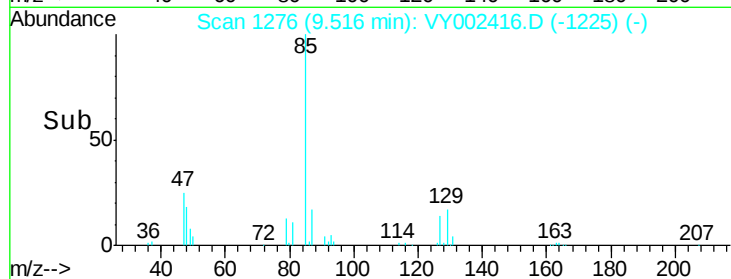
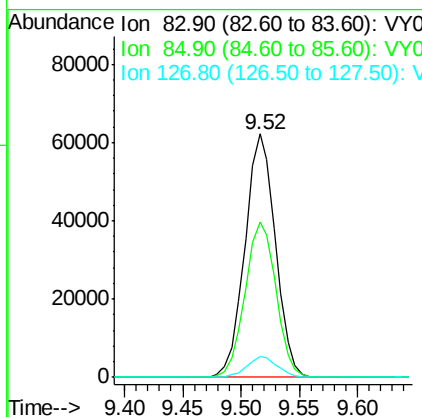
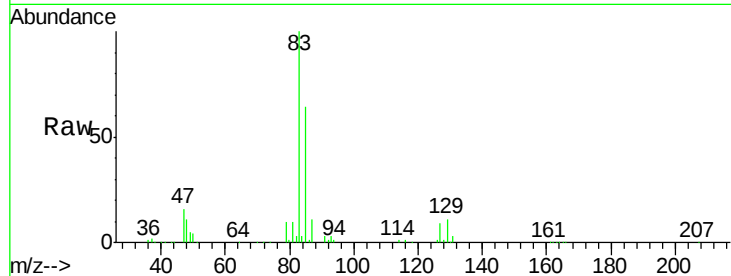
#47
Bromodichloromethane
Concen: 48.710 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.7	74.5
127	8.7	6.2	9.4

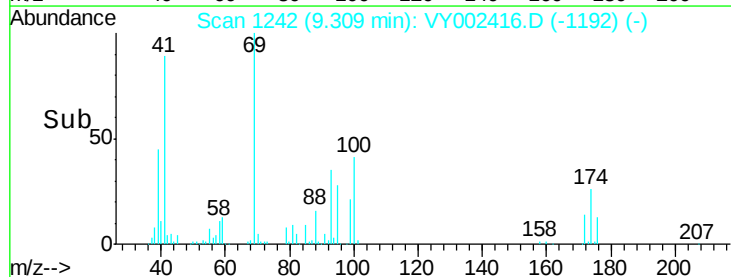
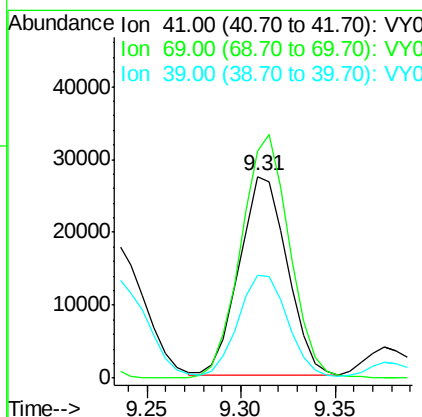
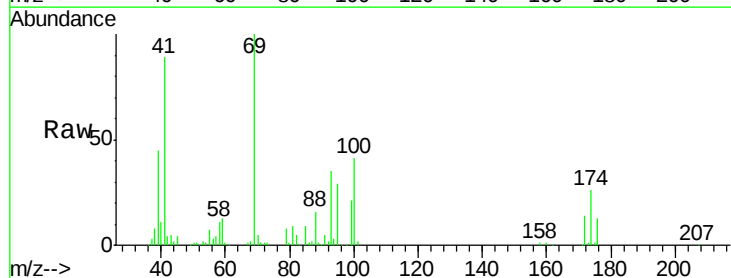
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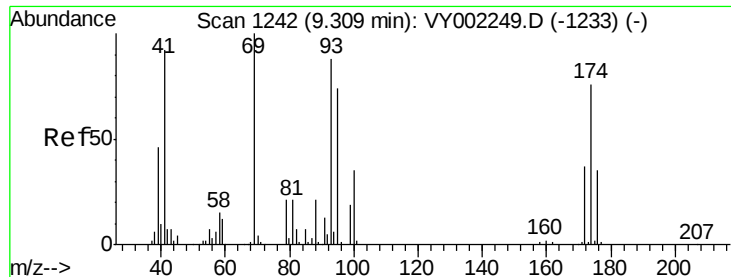
MMDadoda
4/20/2020 11:41:06 AM



#48
Methyl methacrylate
Concen: 40.166 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	123.0	76.7	115.1#
39	53.8	40.5	60.7





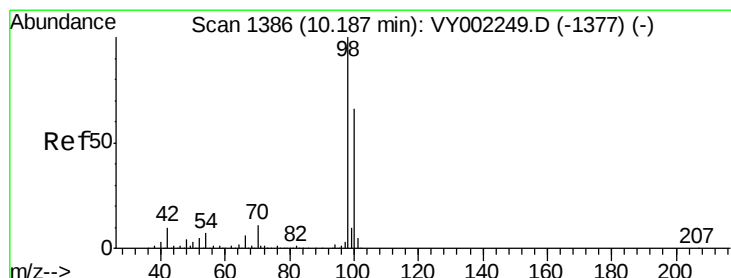
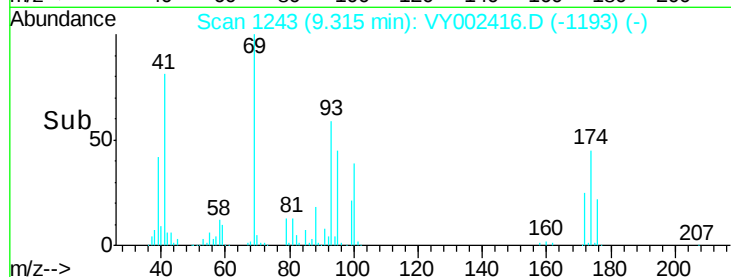
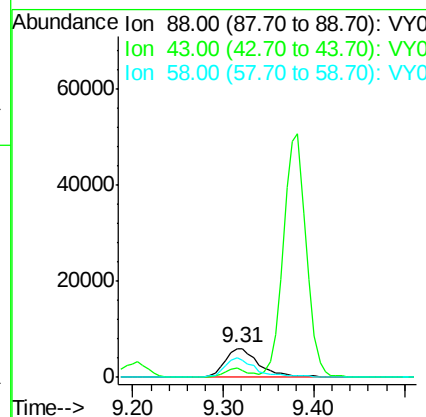
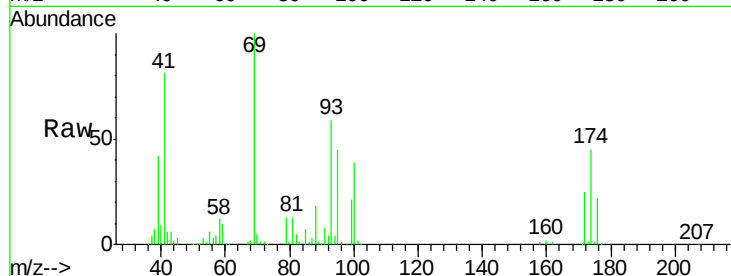
#49
1,4-Dioxane
Concen: 1109.116 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	15944
Ion	Ratio	Lower	Upper
88	100		
43	22.0	22.2	33.2#
58	63.0	57.6	86.4

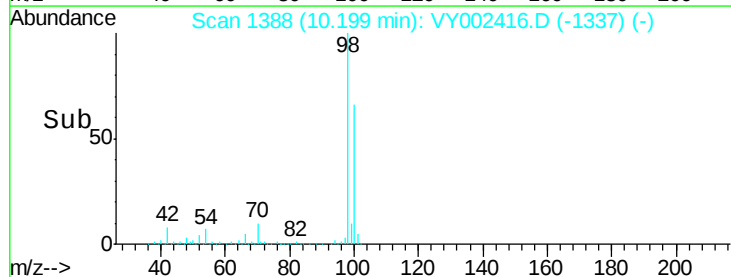
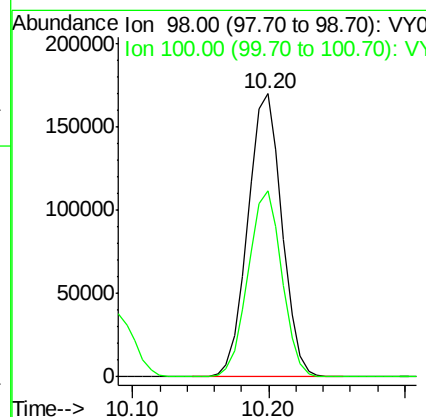
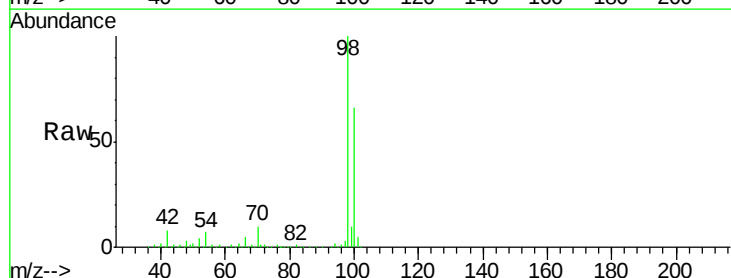
Manual Integrations
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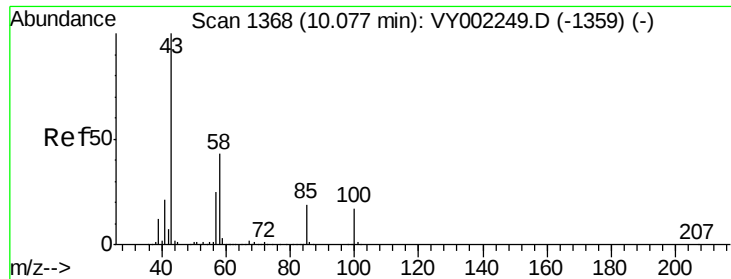
MMDadoda
4/20/2020 11:41:06 AM



#50
Toluene-d8
Concen: 45.567 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	98	Resp	297480
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	78.8





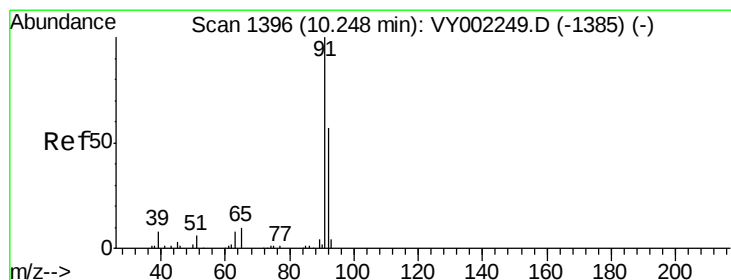
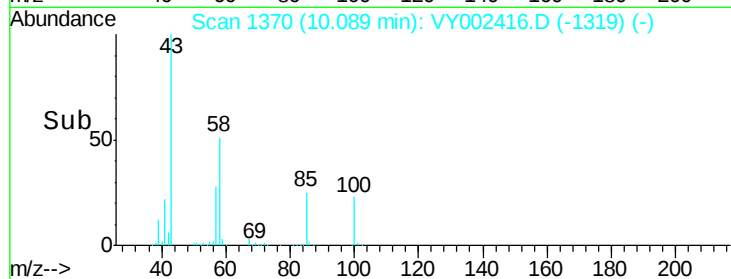
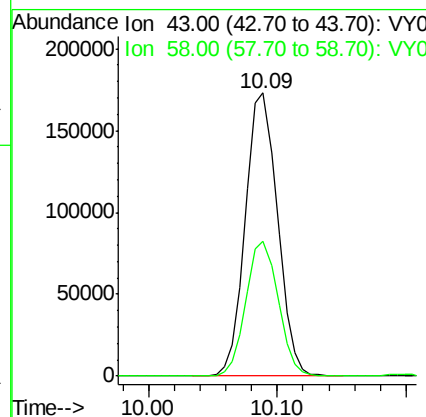
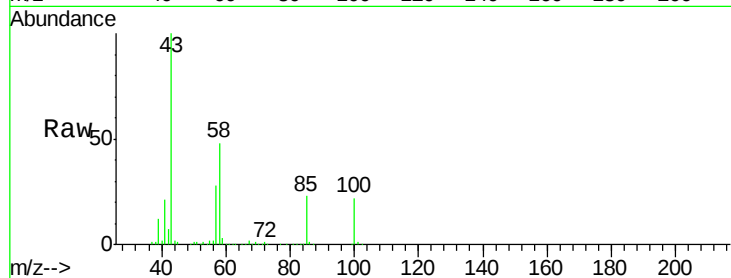
#51
4-Methyl-2-Pentanone
Concen: 213.173 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	298815
Ion Ratio	100	Lower	Upper
43	100		
58	48.1	33.8	50.8

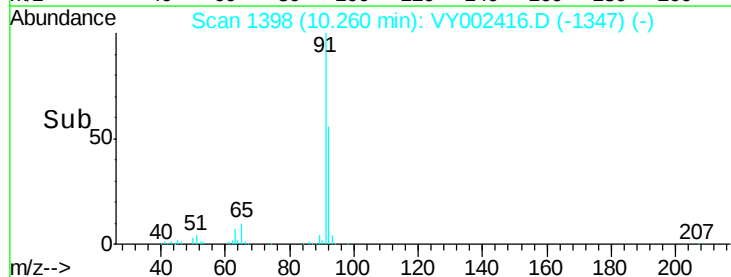
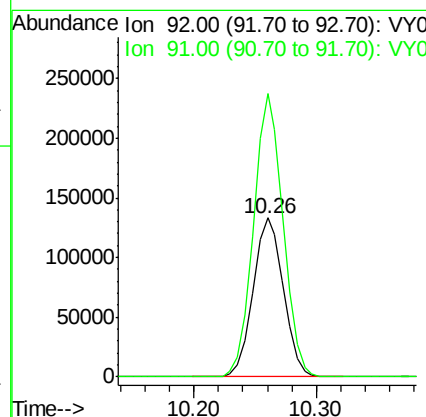
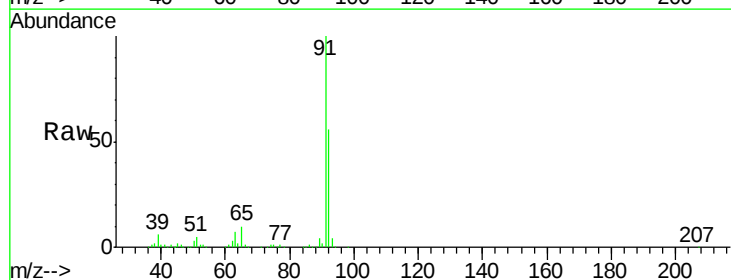
Manual Integrations
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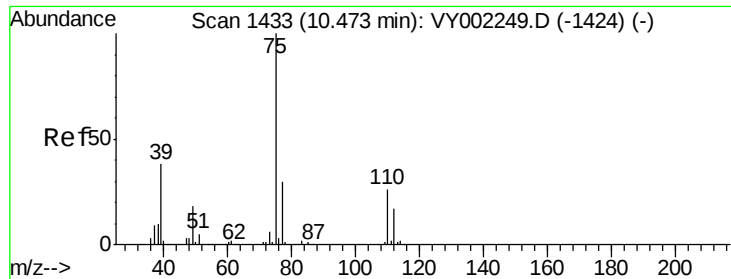
MMDadoda
4/20/2020 11:41:06 AM



#52
Toluene
Concen: 48.495 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	92	Resp	228941
Ion Ratio	100	Lower	Upper
92	100		
91	173.3	139.0	208.6





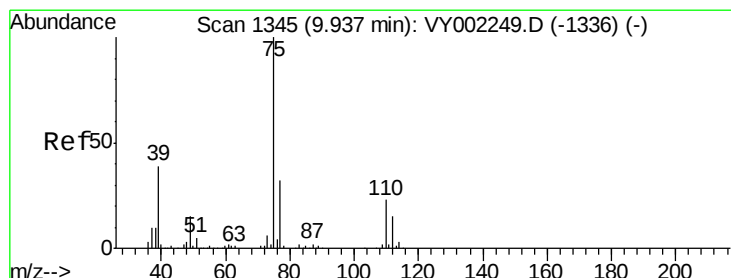
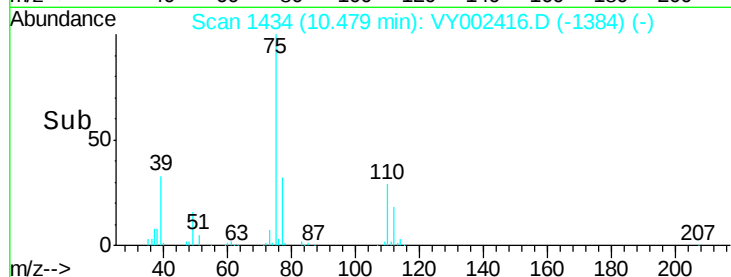
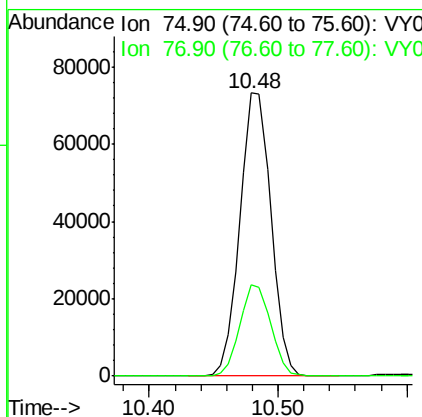
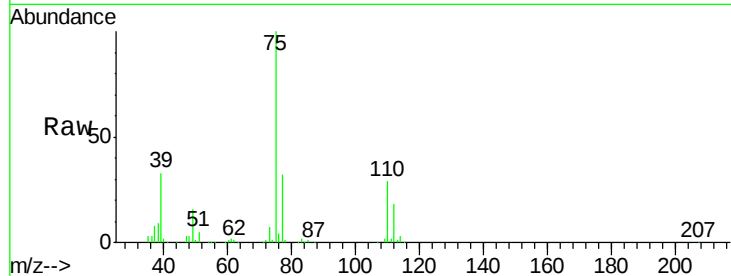
#53
 t-1,3-Dichloropropene
 Concen: 48.165 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 122370
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.2 36.2

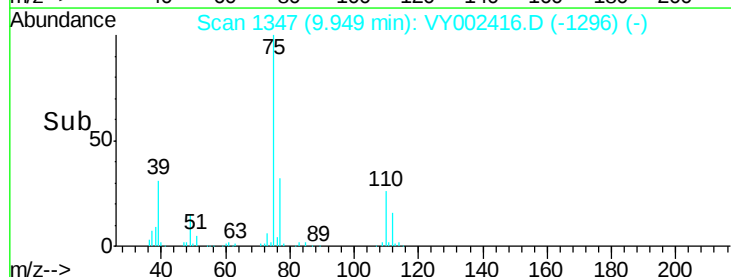
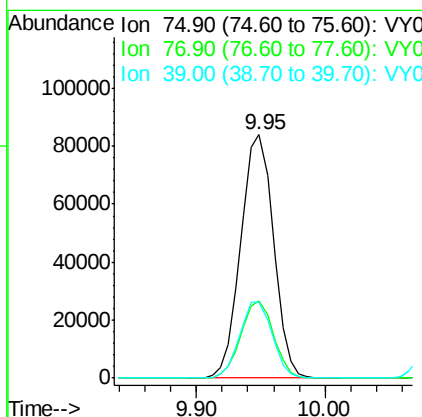
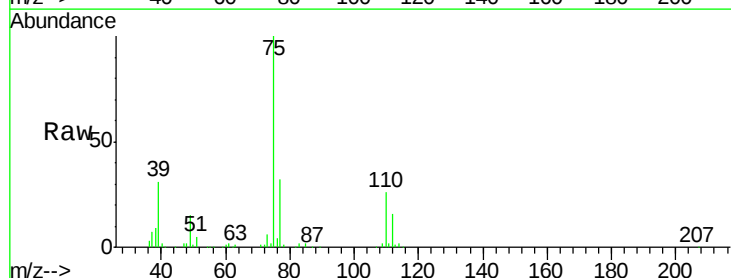
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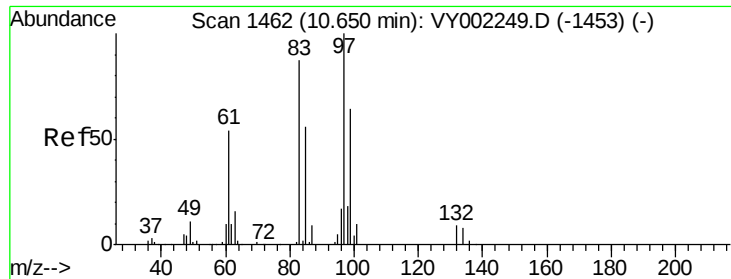
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#54
 cis-1,3-Dichloropropene
 Concen: 48.247 ug/l
 RT: 9.95 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion: 75 Resp: 147367
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 39 31.1 30.8 46.2





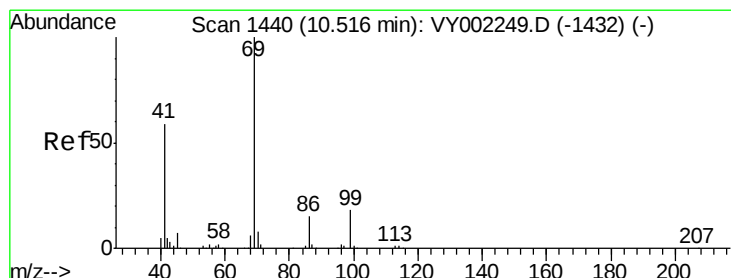
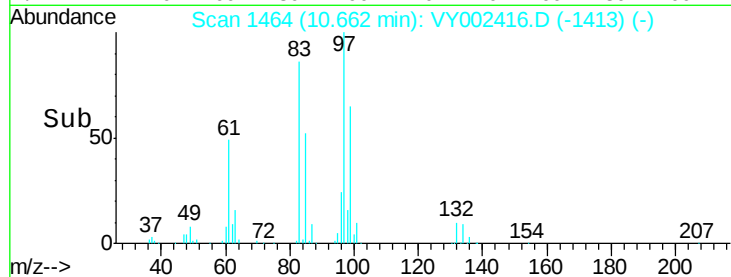
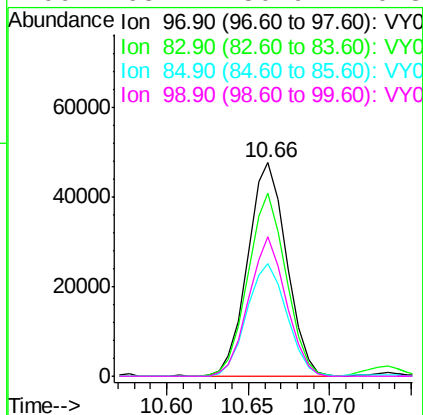
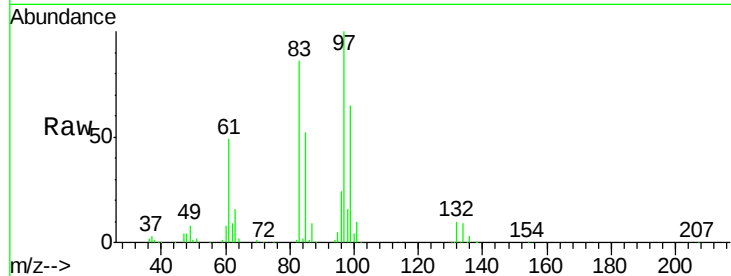
#55
 1,1,2-Trichloroethane
 Concen: 53.322 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	79335
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.5	104.3
85	52.5	45.2	67.8
99	65.1	50.9	76.3

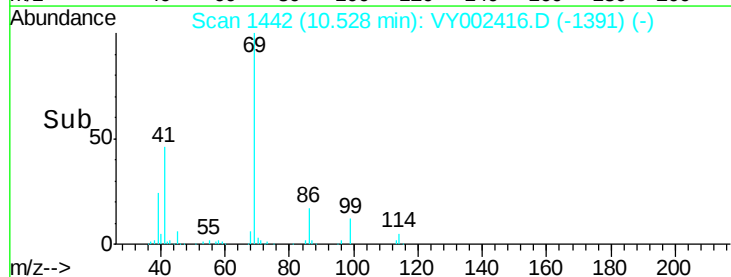
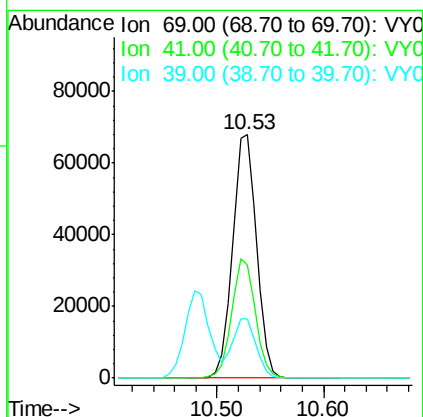
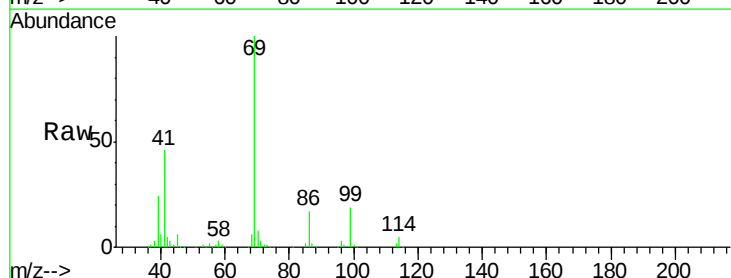
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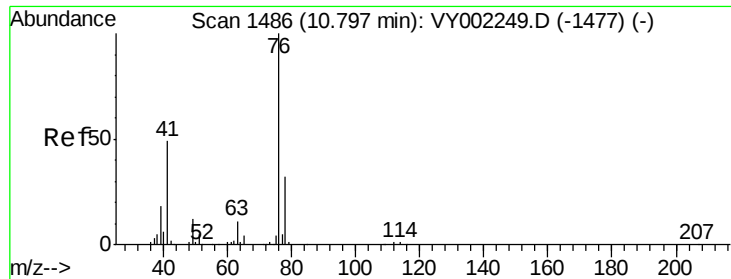
MMDadoda
 4/20/2020 11:41:06 AM



#56
 Ethyl methacrylate
 Concen: 50.504 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion:	69	Resp:	107246
Ion	Ratio	Lower	Upper
69	100		
41	48.4	47.9	71.9
39	24.4	23.8	35.6





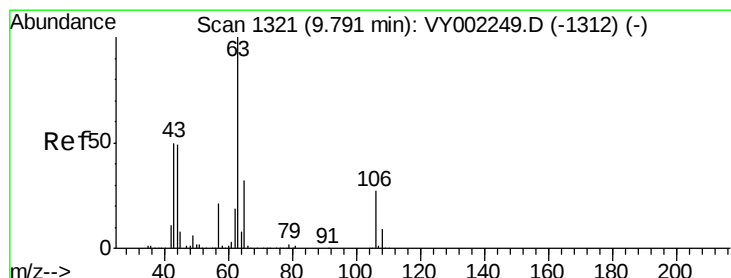
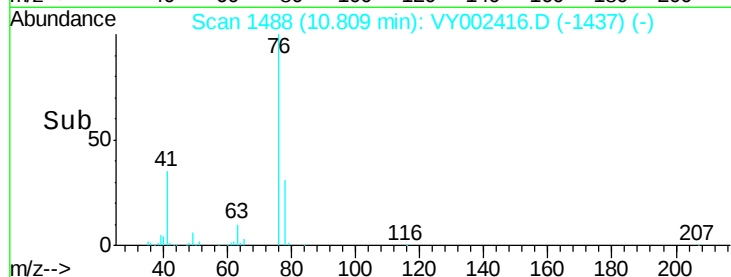
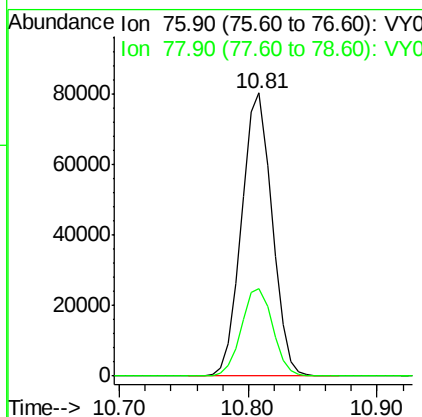
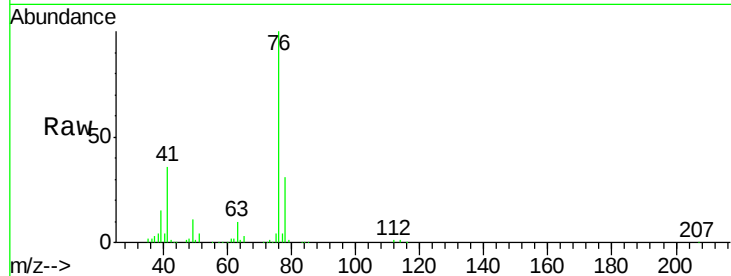
#57
 1,3-Dichloropropane
 Concen: 50.124 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 131083
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6

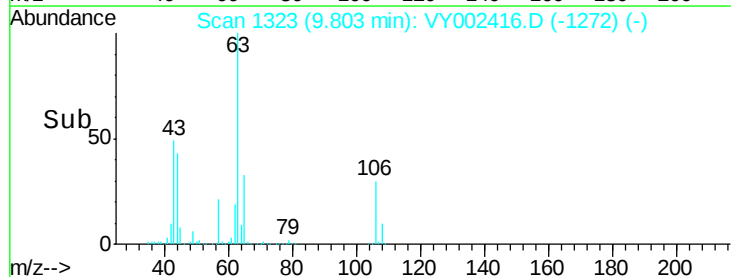
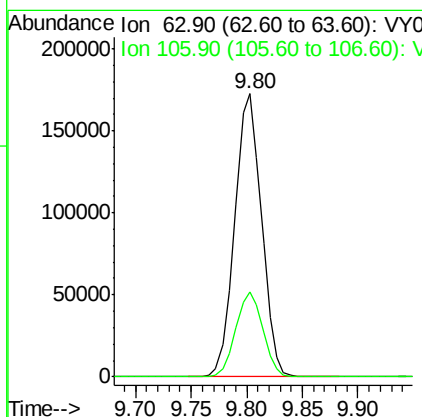
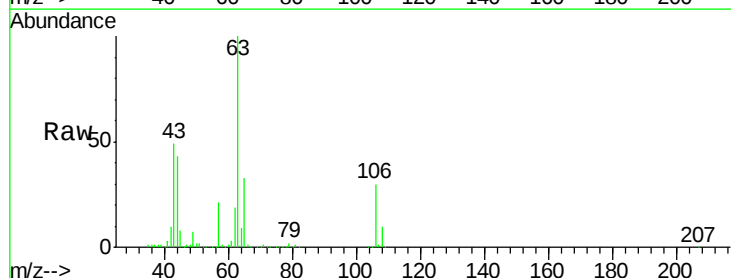
Manual Integrations
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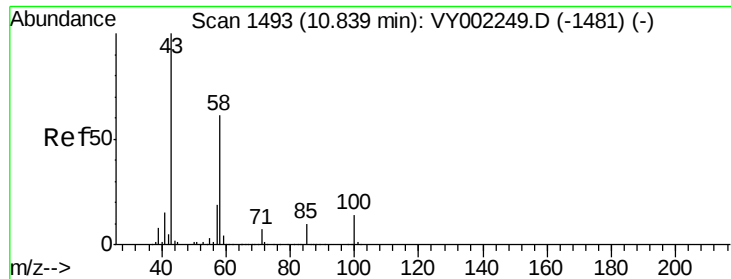
MMDadoda
 4/20/2020 11:41:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.873 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion: 63 Resp: 286870
 Ion Ratio Lower Upper
 63 100
 106 30.2 22.2 33.2





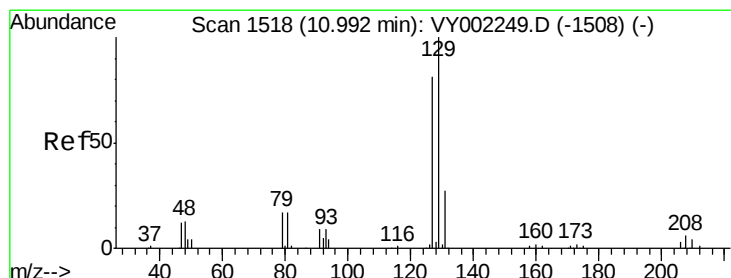
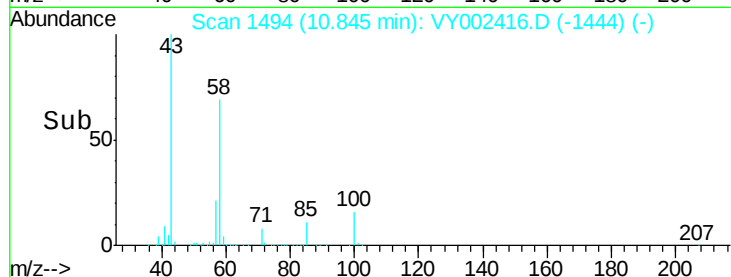
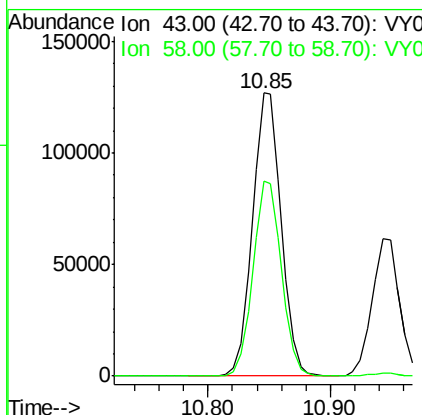
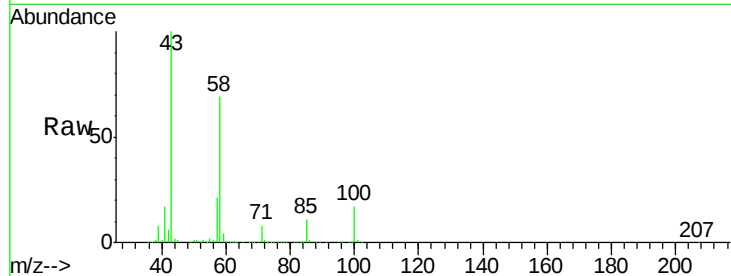
#59
2-Hexanone
Concen: 213.080 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 207296
Ion Ratio Lower Upper
43 100
58 68.3 29.8 89.3

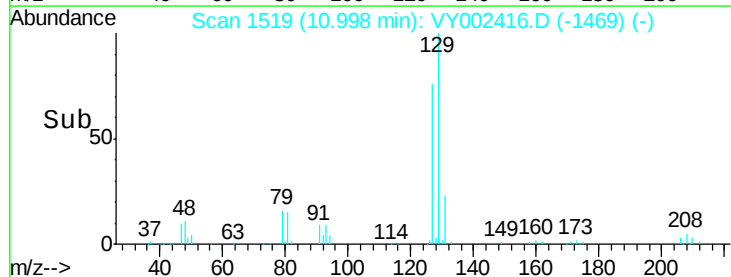
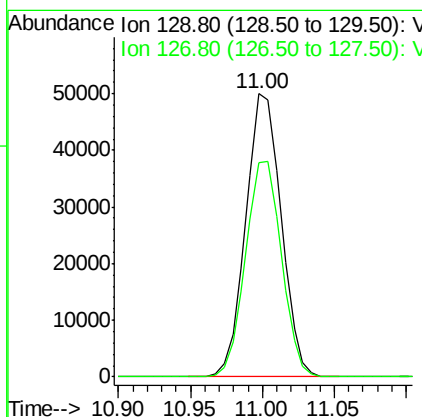
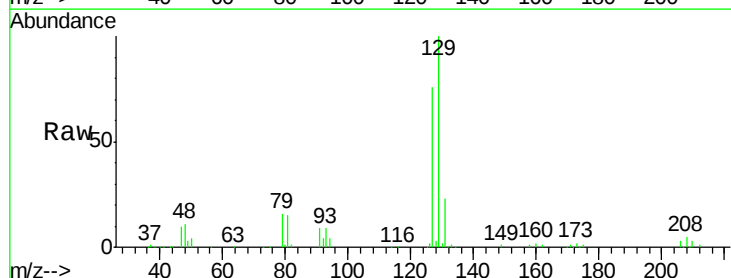
Manual Integrations
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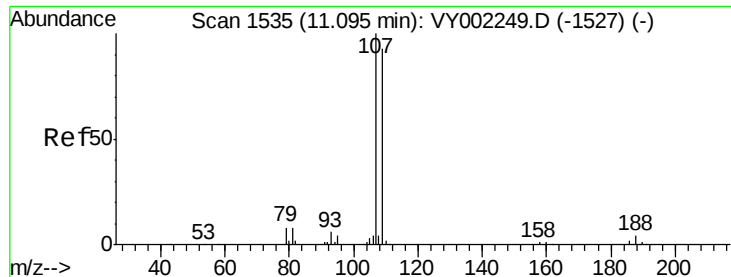
MMDadoda
4/20/2020 11:41:06 AM



#60
Dibromochloromethane
Concen: 53.554 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 129 Resp: 84962
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 52.832 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 74833

Ion Ratio Lower Upper

107 100

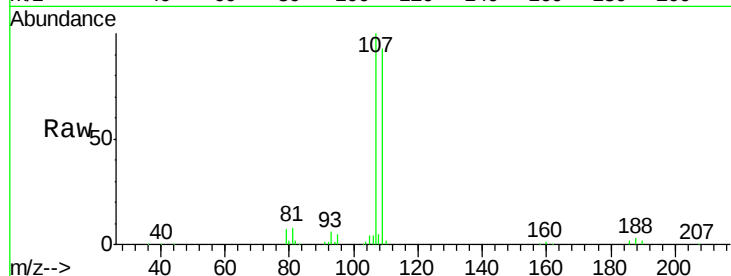
109 94.4 75.6 113.4

Manual Integrations

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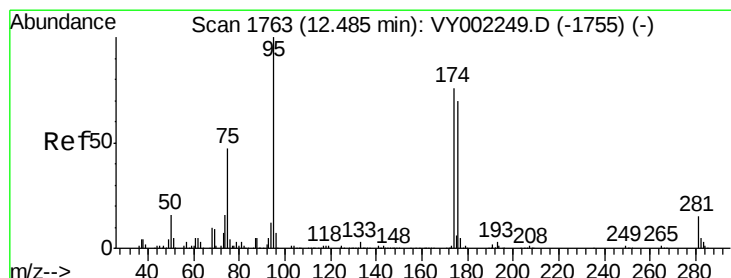
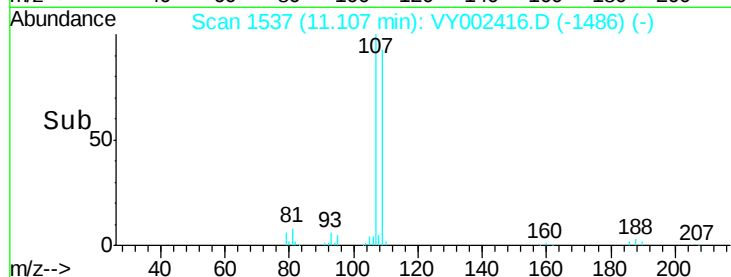
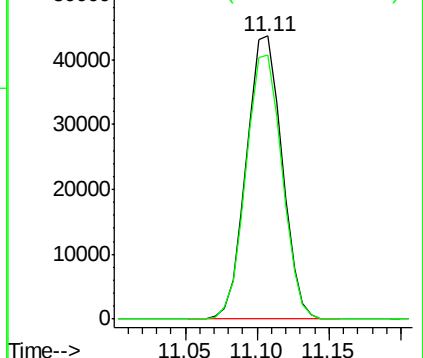
MMDadoda

4/20/2020 11:41:06 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.903 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

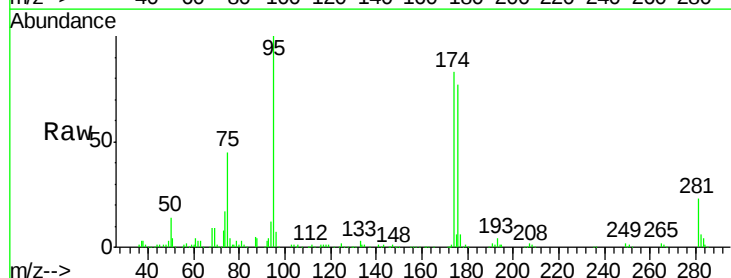
Tgt Ion: 95 Resp: 98867

Ion Ratio Lower Upper

95 100

174 79.7 0.0 150.6

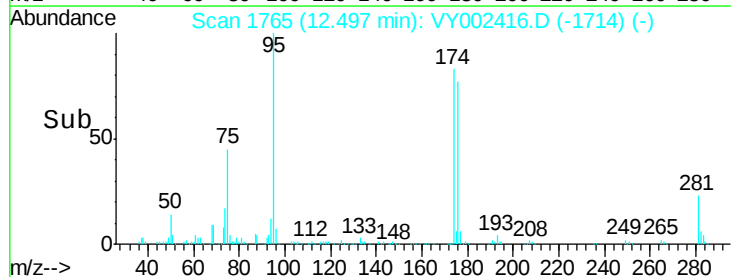
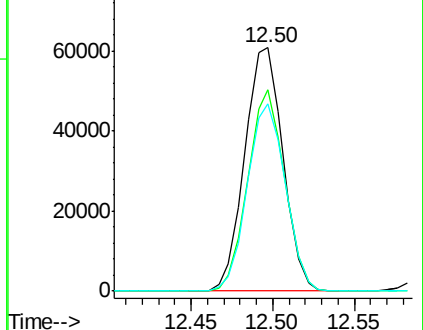
176 76.7 0.0 141.4

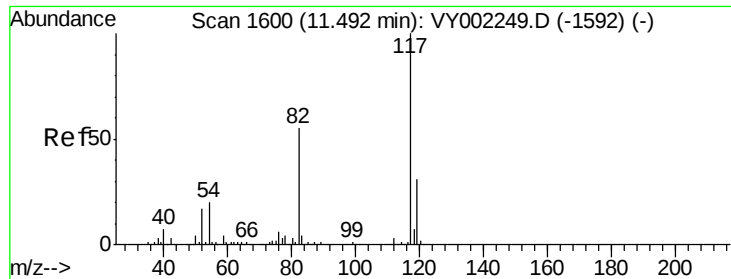


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





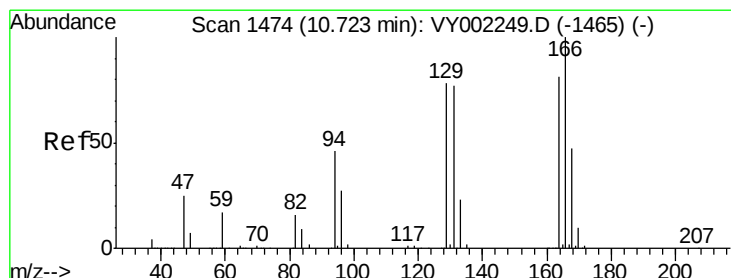
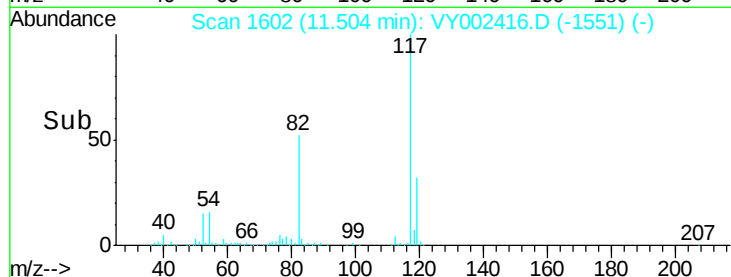
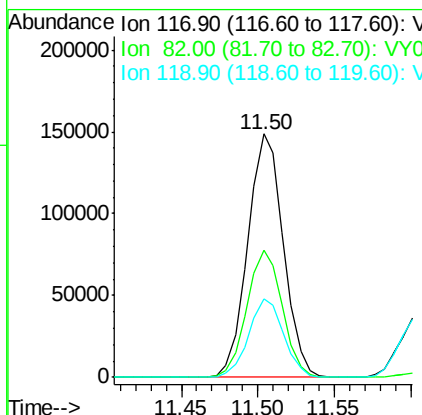
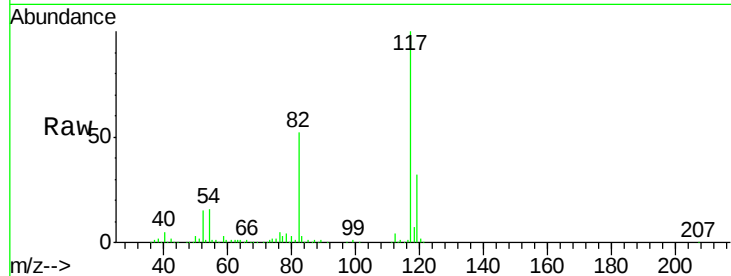
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	240129		
82	52.5		44.2	66.4
119	32.1		25.1	37.7

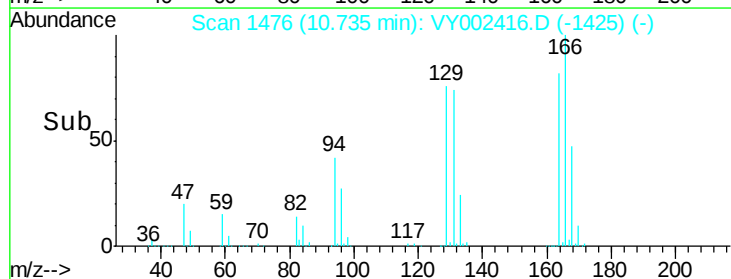
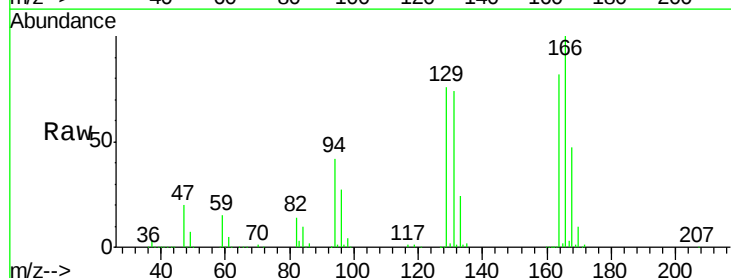
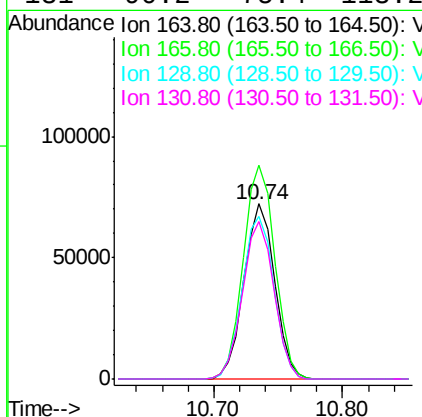
Manual Integrations
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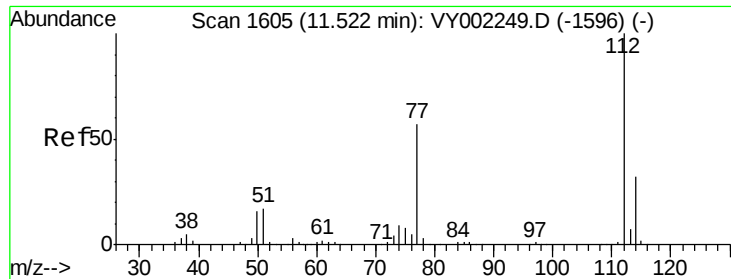
MMDadoda
4/20/2020 11:41:06 AM



#64
Tetrachloroethene
Concen: 49.051 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119085		
166	121.8		98.4	147.6
129	92.6		76.6	115.0
131	90.2		75.4	113.2





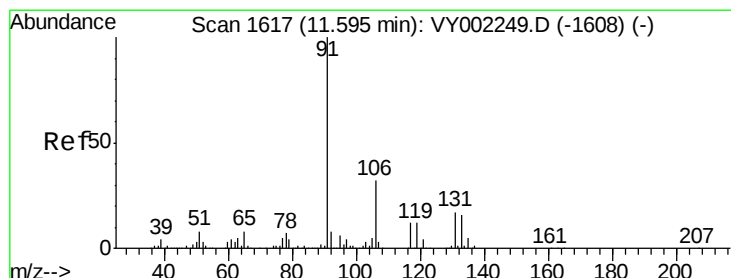
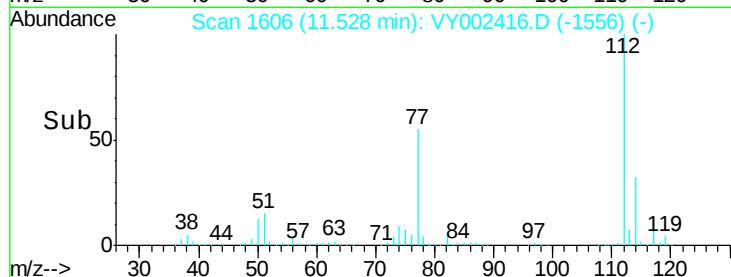
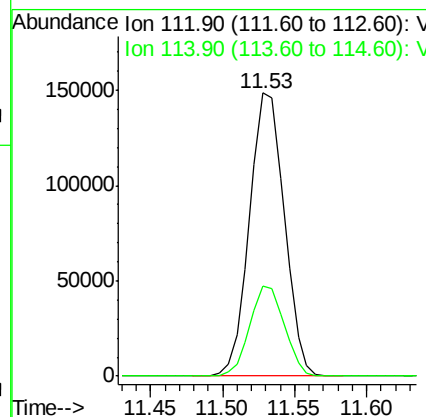
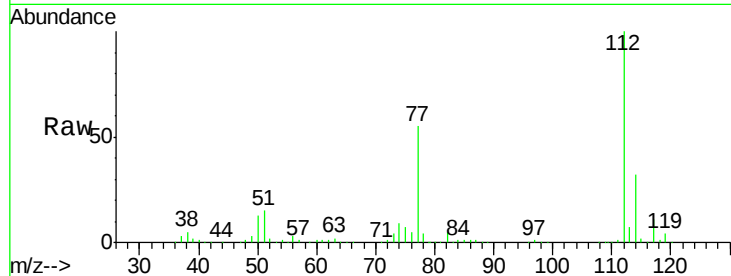
#65
Chlorobenzene
Concen: 49.806 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 248611
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

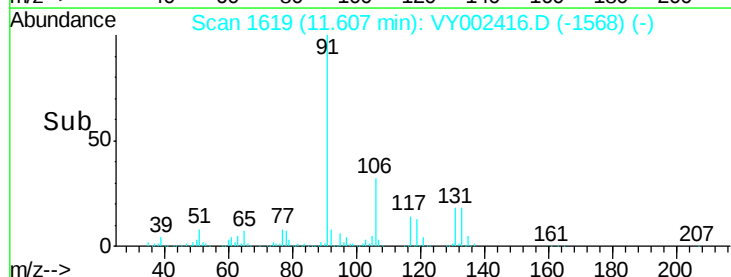
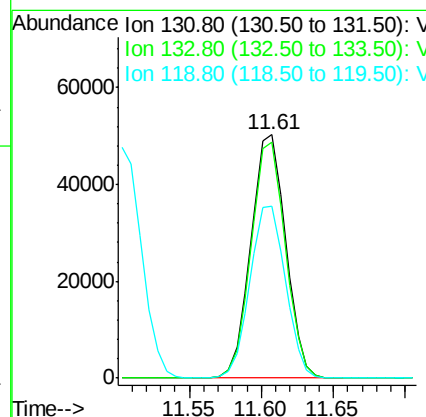
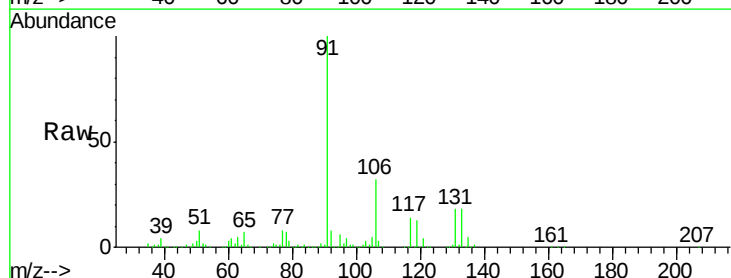
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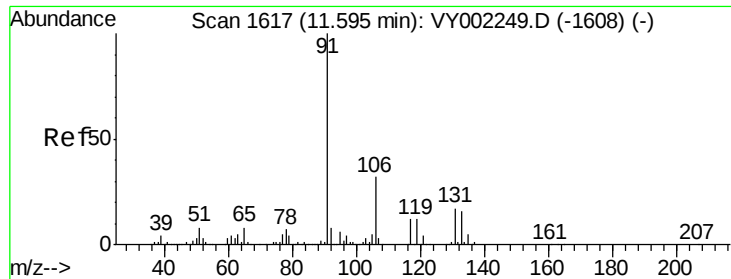
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.854 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion:131 Resp: 83809
Ion Ratio Lower Upper
131 100
133 95.7 46.5 139.3
119 72.0 34.5 103.6





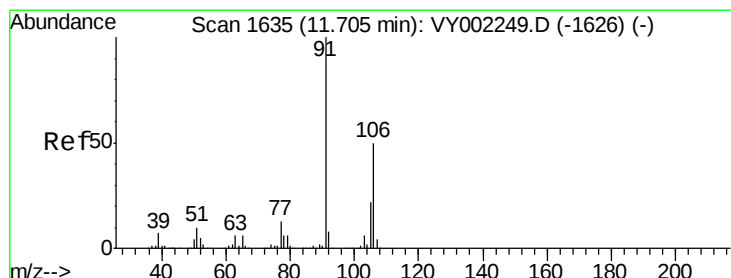
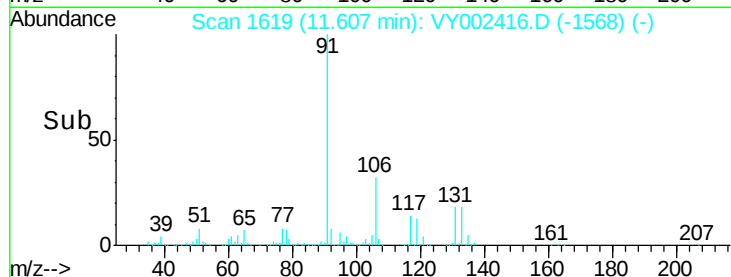
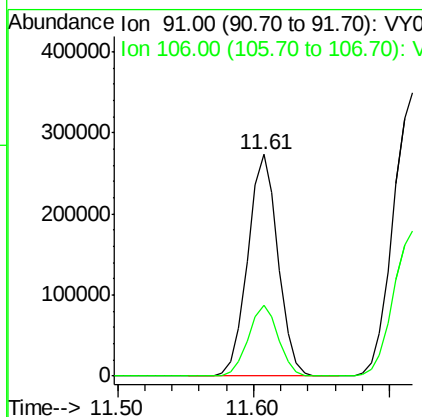
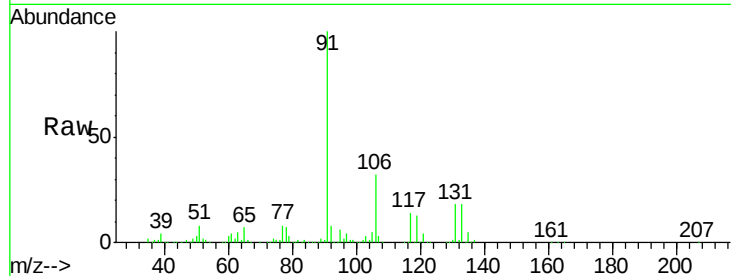
#67
Ethyl Benzene
Concen: 46.399 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 423989
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0

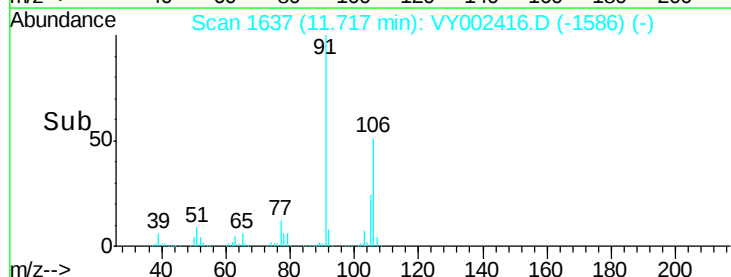
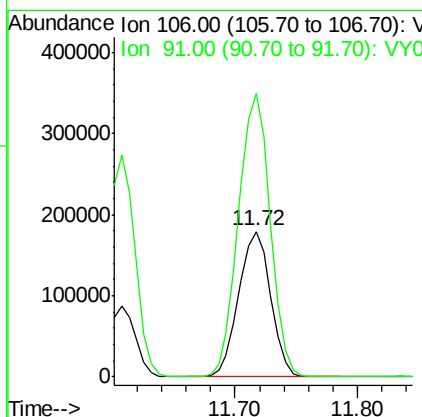
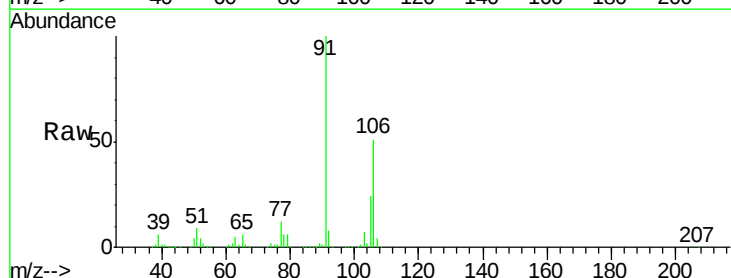
Manual Integrations
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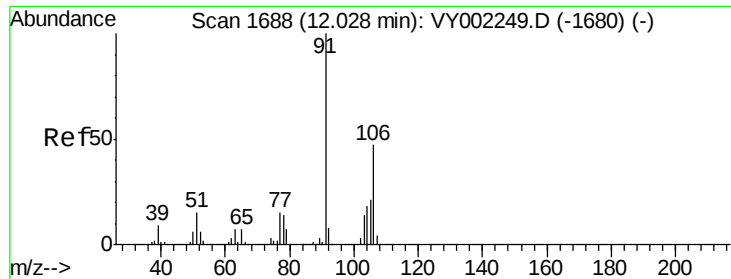
MMDadoda
4/20/2020 11:41:06 AM



#68
m/p-Xylenes
Concen: 94.949 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 106 Resp: 324971
Ion Ratio Lower Upper
106 100
91 193.9 159.8 239.6





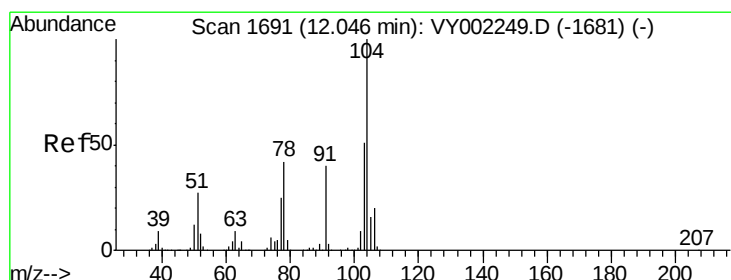
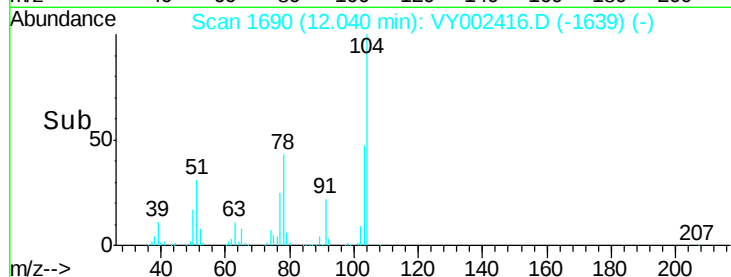
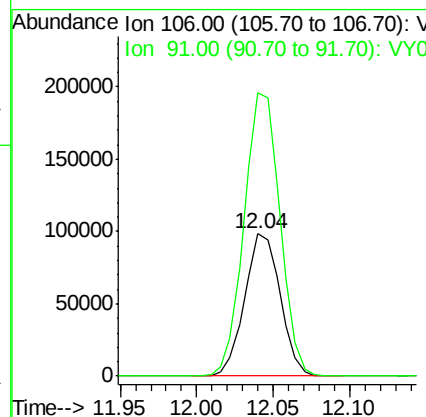
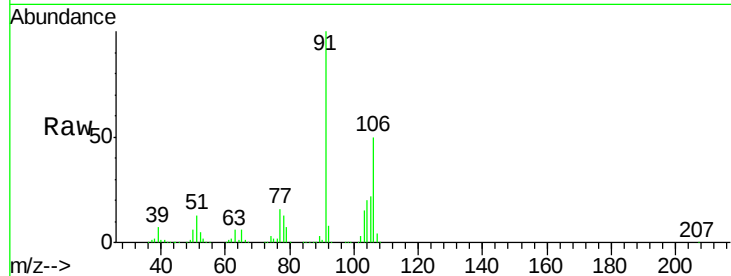
#69
o-Xylene
Concen: 49.358 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.6	105.8	317.3

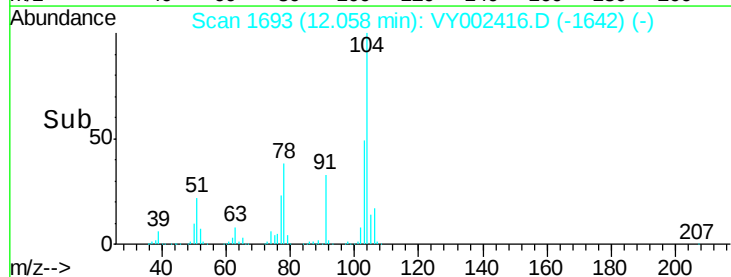
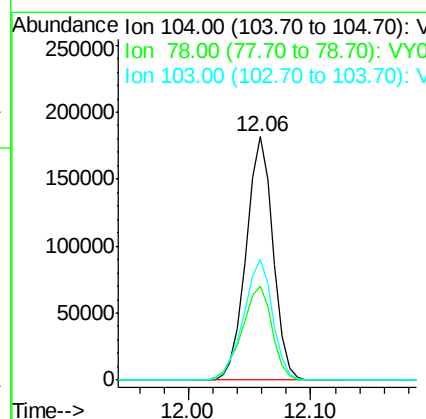
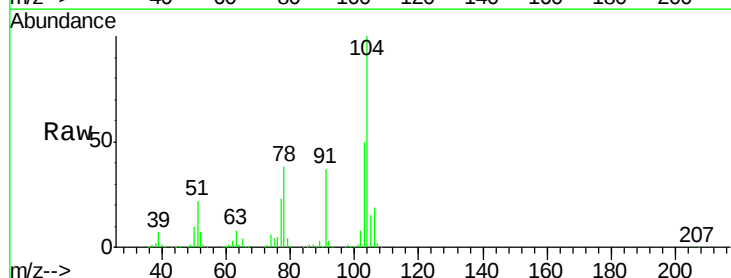
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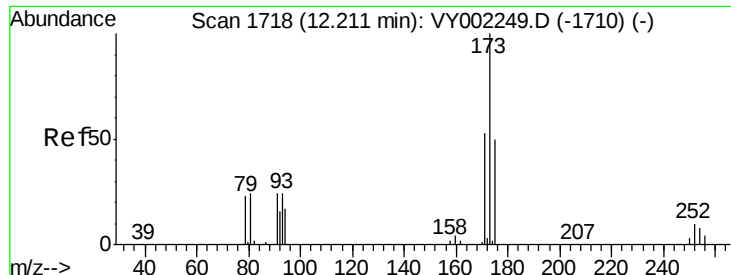
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#70
Styrene
Concen: 49.675 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	43.1	37.2	55.8
103	53.3	43.4	65.0





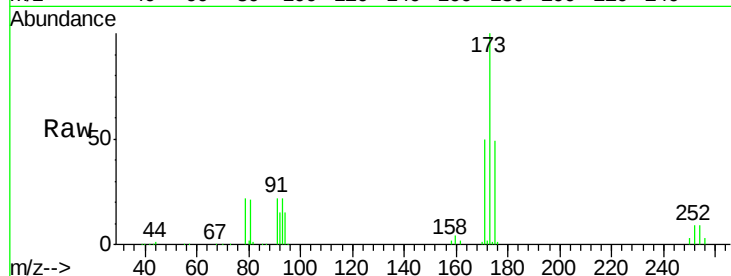
#71
Bromoform
Concen: 54.729 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

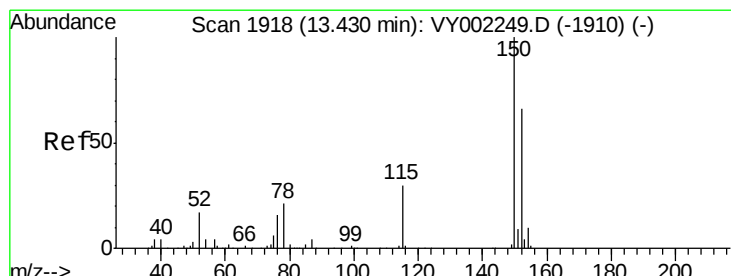
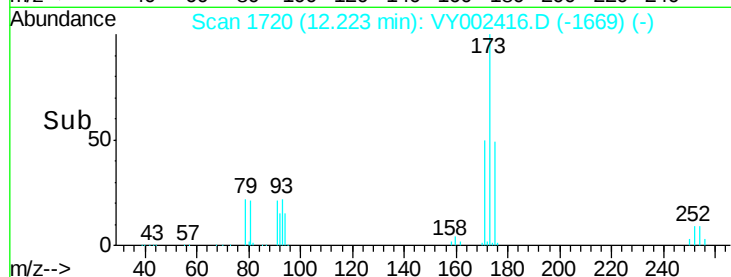
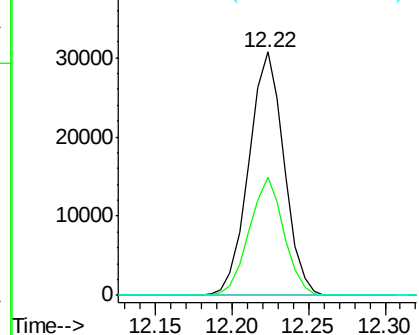
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.3
254	0.0	0.0	0.0

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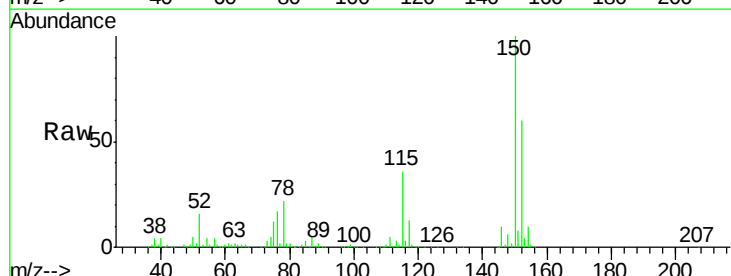


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

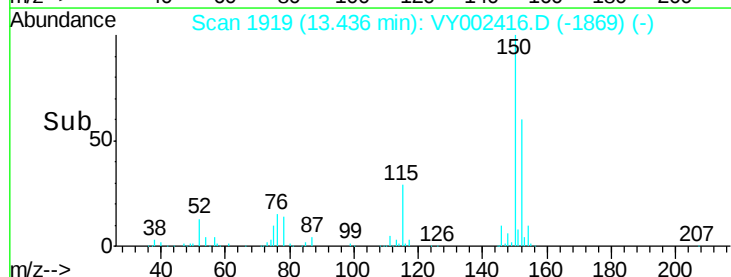
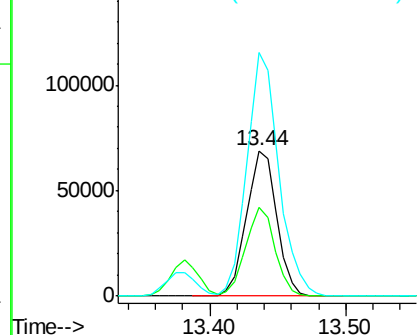


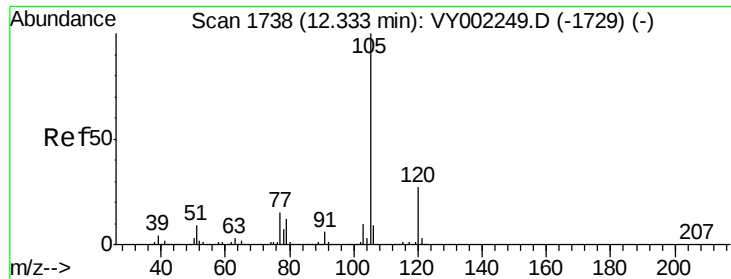
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.7	92.1
150	177.3	0.0	350.6



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





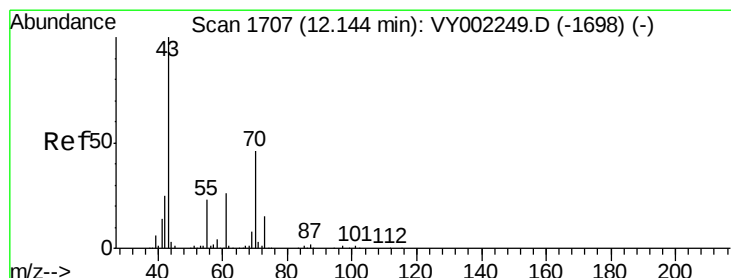
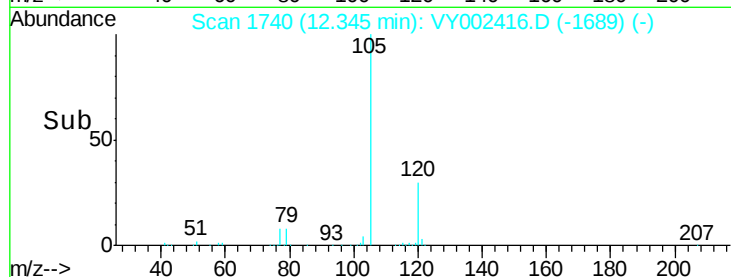
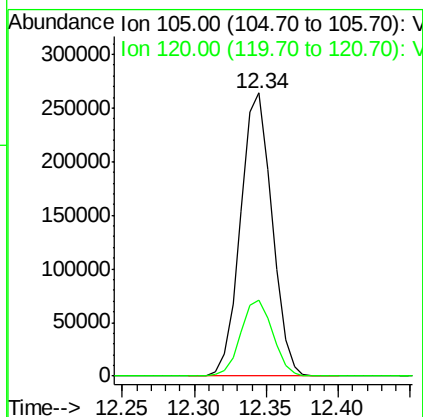
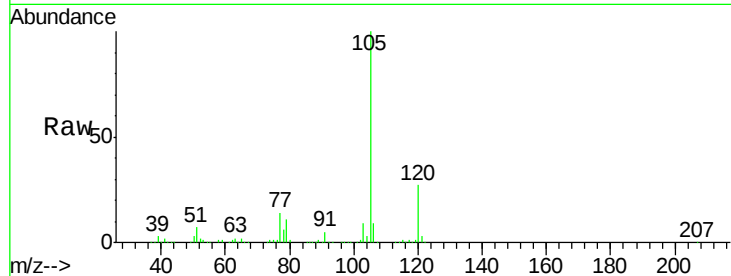
#73
Isopropylbenzene
Concen: 47.533 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.3	39.8

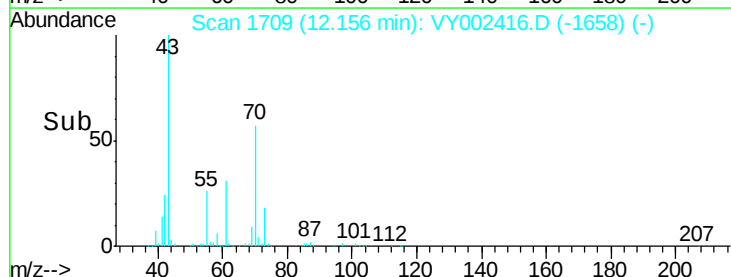
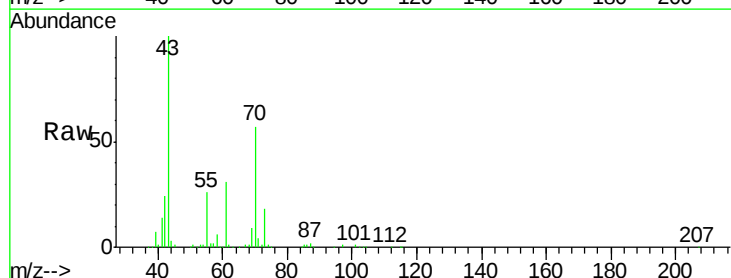
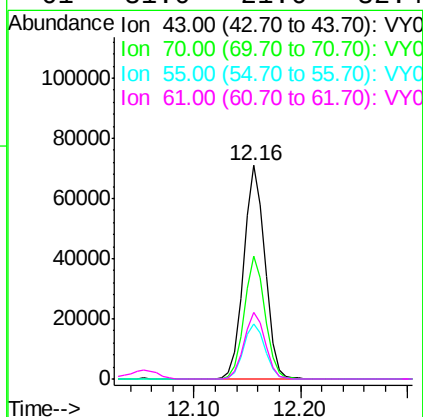
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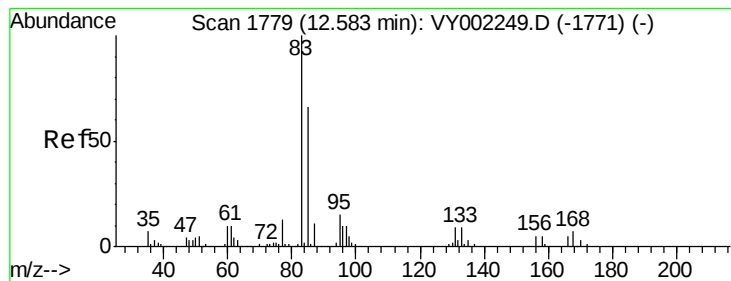
MMDadoda
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#74
N-ethyl acetate
Concen: 41.833 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	56.1	37.5	56.3
55	26.2	19.0	28.6
61	31.0	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.727 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

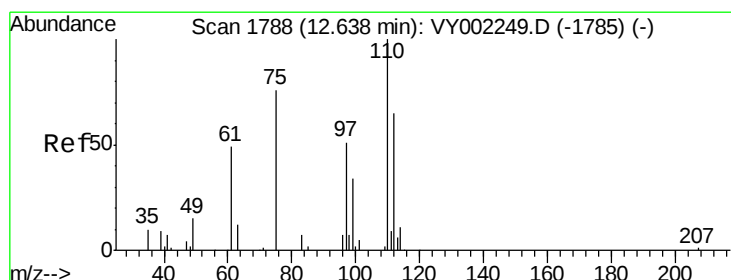
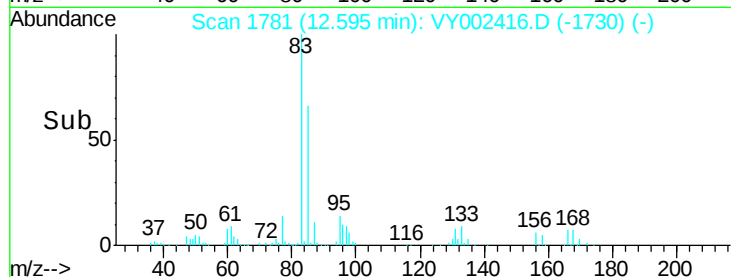
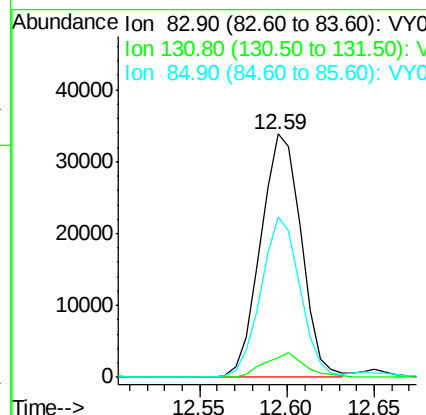
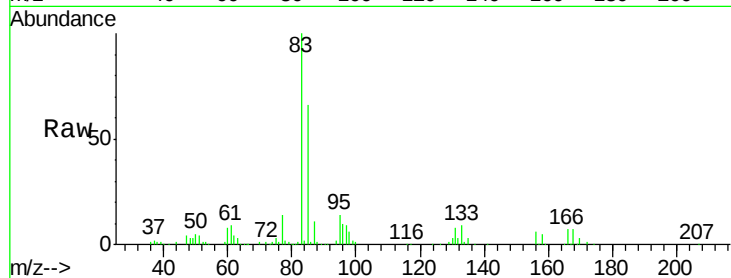
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	54644
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.7
85	63.9	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.025 ug/l m

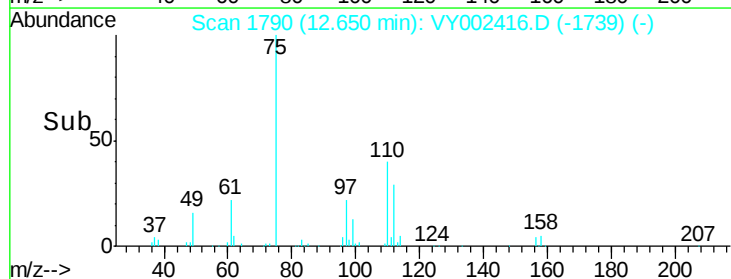
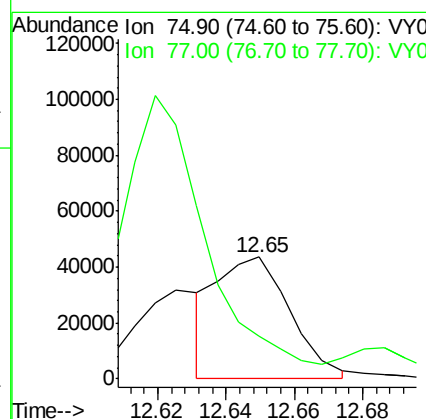
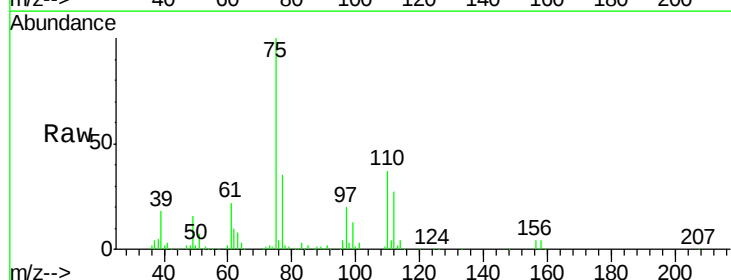
RT: 12.65 min Scan# 1790

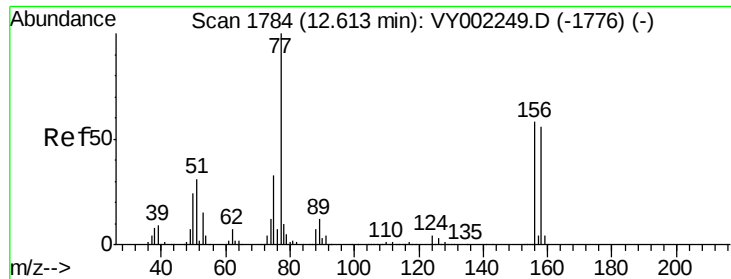
Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Tgt Ion:	75	Resp:	64644
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.281 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 94843

Ion Ratio Lower Upper

156 100

77 188.2 101.3 303.9

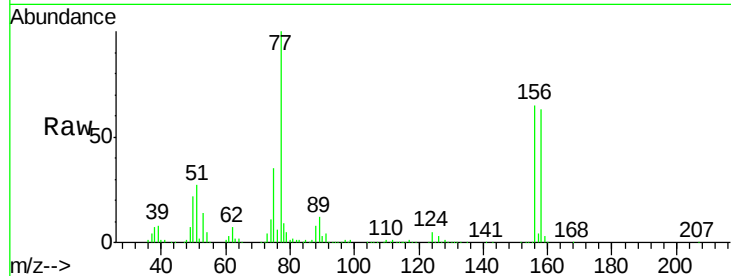
158 96.8 48.3 144.8

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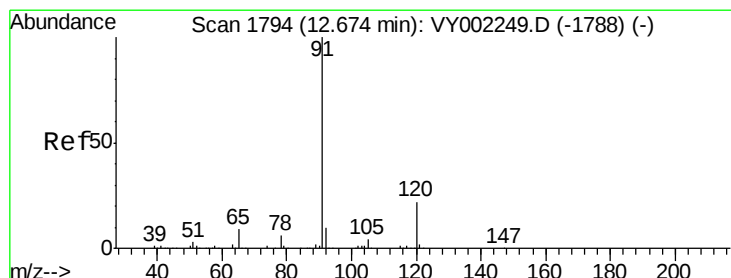
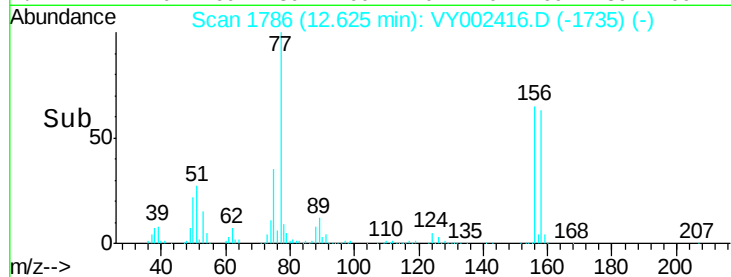
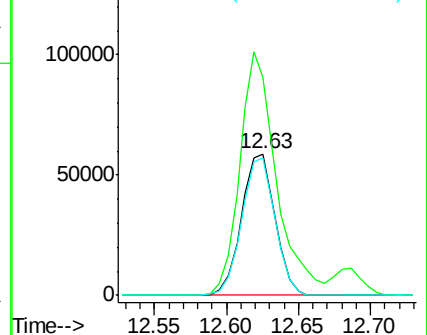
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.963 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002416.D

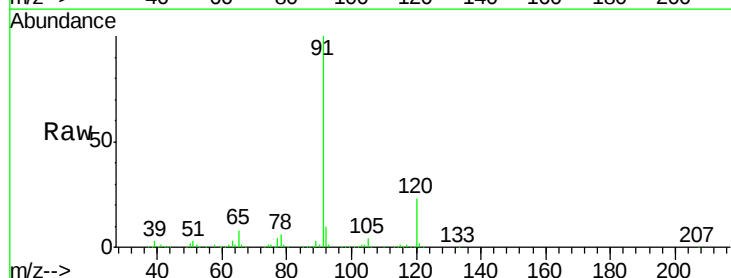
Acq: 17 Apr 2020 21:31

Tgt Ion: 91 Resp: 480543

Ion Ratio Lower Upper

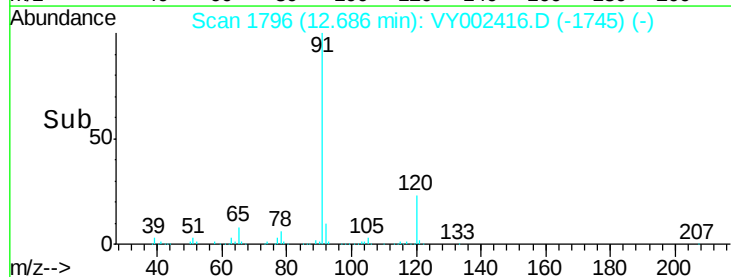
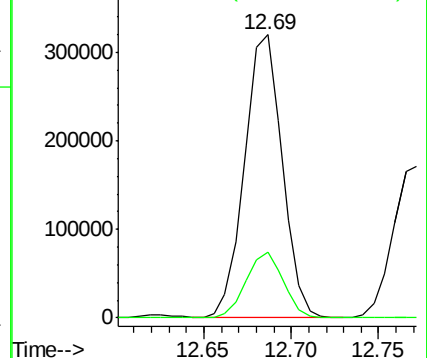
91 100

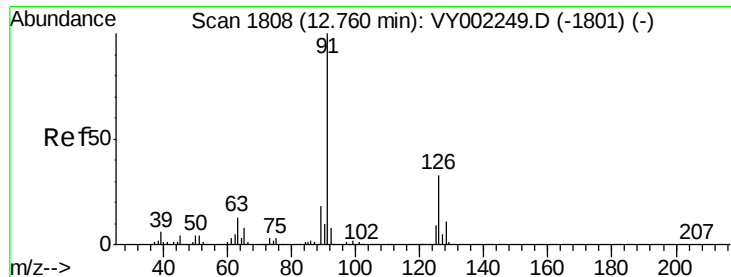
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





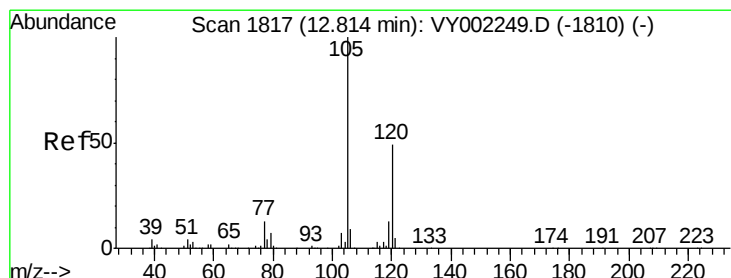
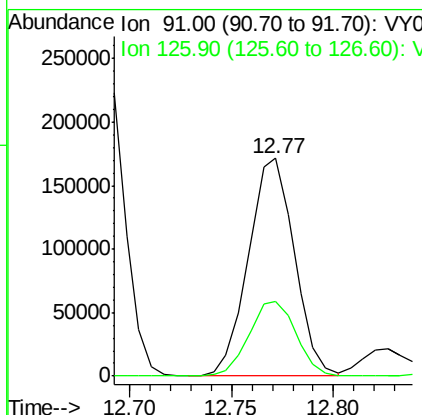
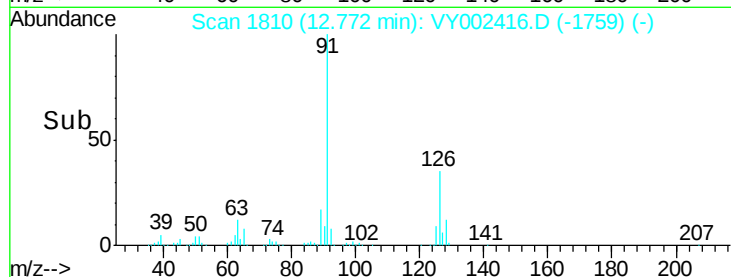
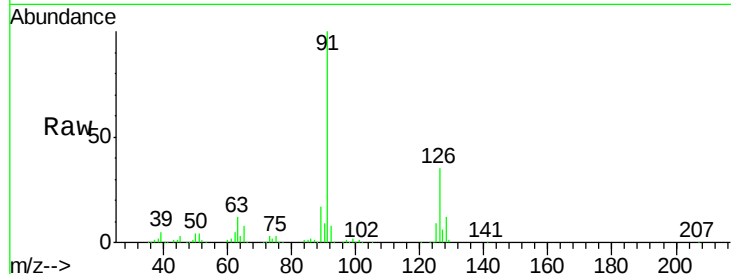
#79
2-Chlorotoluene
Concen: 47.455 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 269629
Ion Ratio Lower Upper
91 100
126 35.2 16.9 50.7

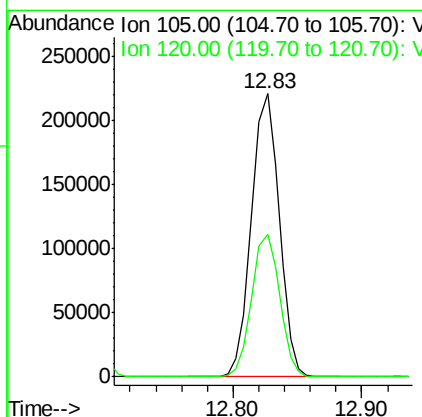
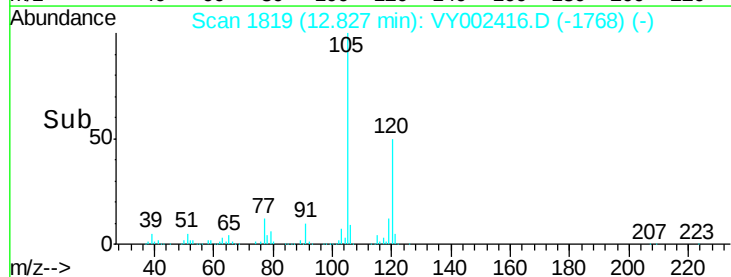
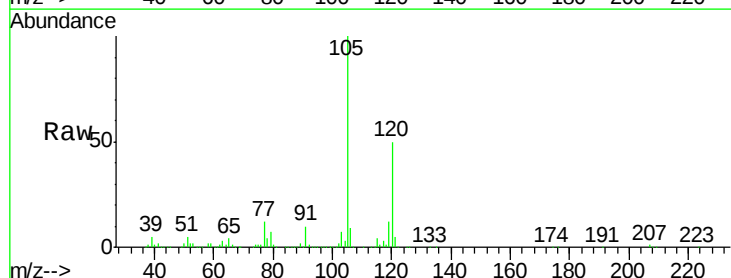
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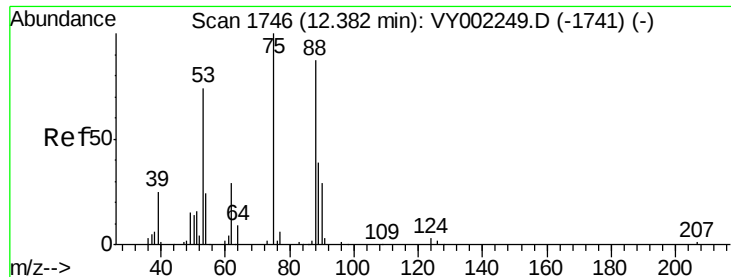
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#80
1,3,5-Trimethylbenzene
Concen: 47.234 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 105 Resp: 328386
Ion Ratio Lower Upper
105 100
120 50.8 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 48.421 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

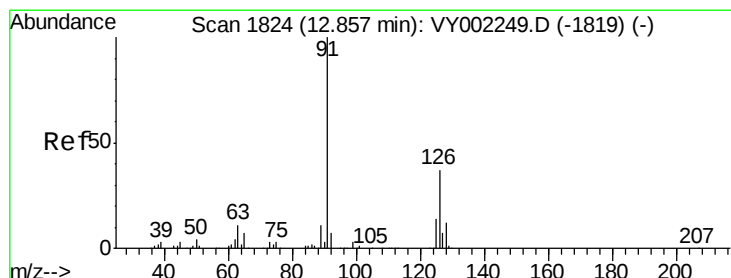
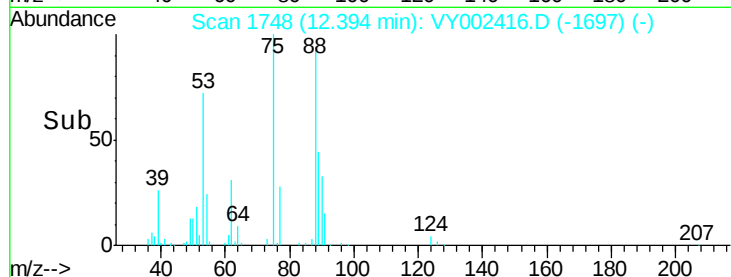
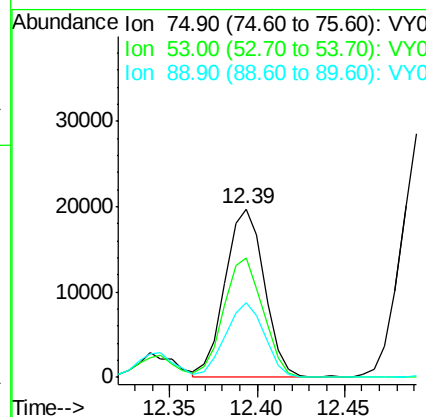
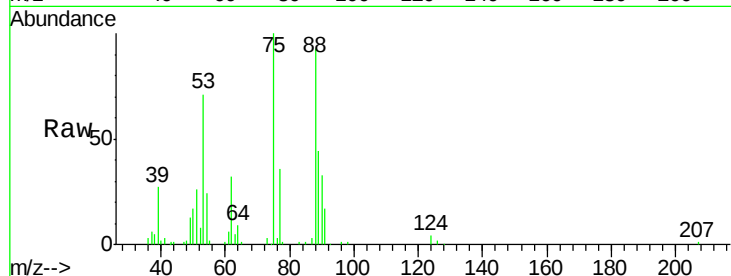
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	30934
Ion	Ratio	Lower	Upper
75	100		
53	70.6	59.8	89.8
89	43.8	37.0	55.6

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#82

4-Chlorotoluene

Concen: 45.985 ug/l

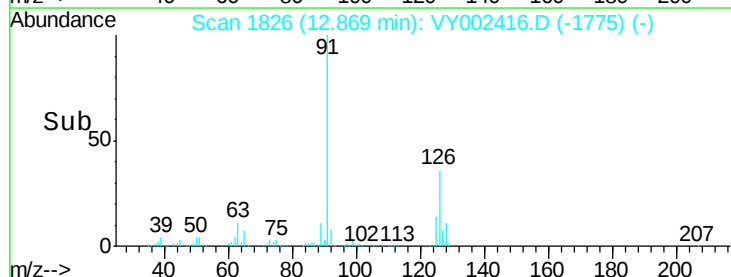
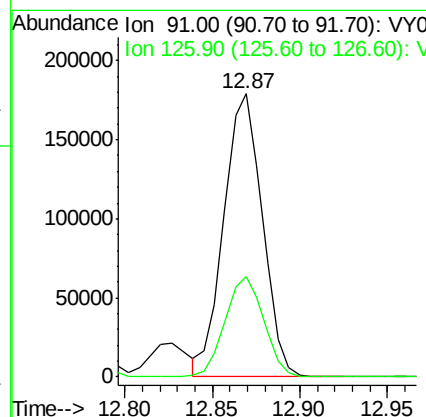
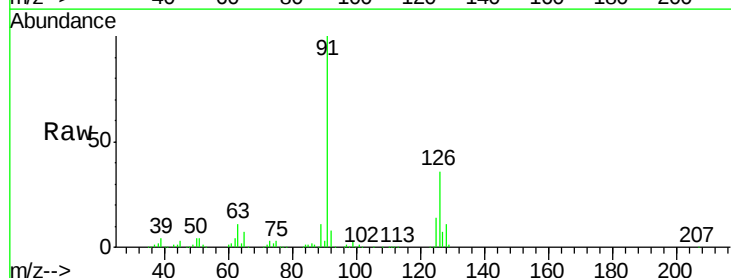
RT: 12.87 min Scan# 1826

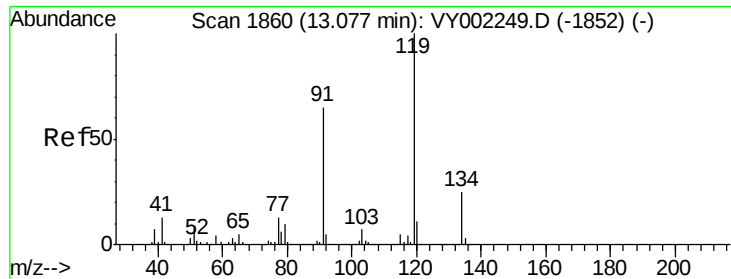
Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Tgt Ion:	91	Resp:	273848
Ion	Ratio	Lower	Upper
91	100		
126	35.6	16.9	50.7





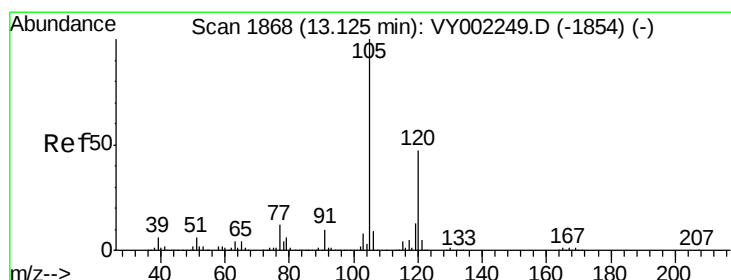
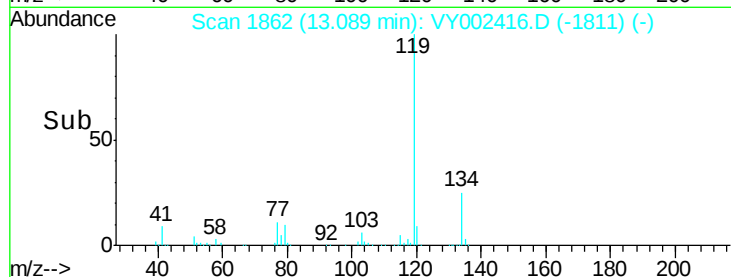
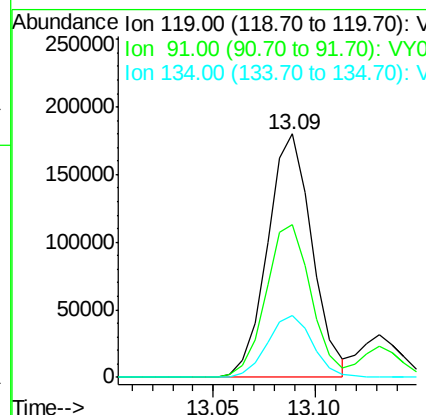
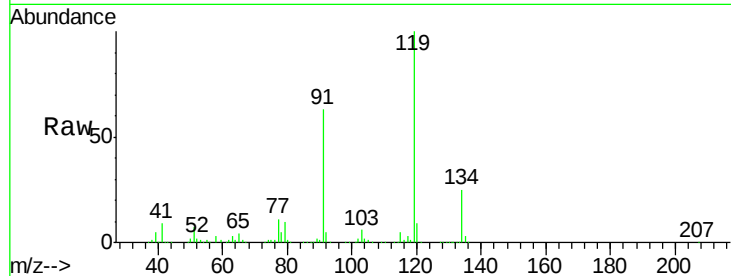
#83
tert-Butylbenzene
Concen: 47.075 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	274137		
91	63.7	32.4	97.0	
134	25.8	12.6	37.6	

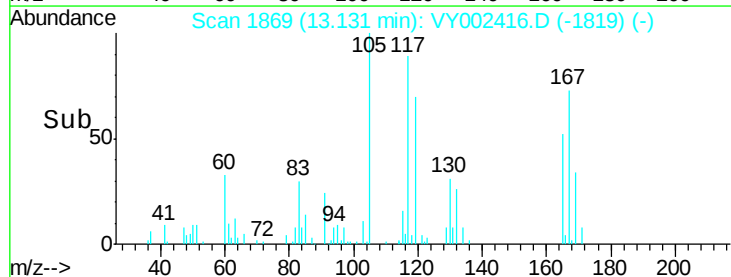
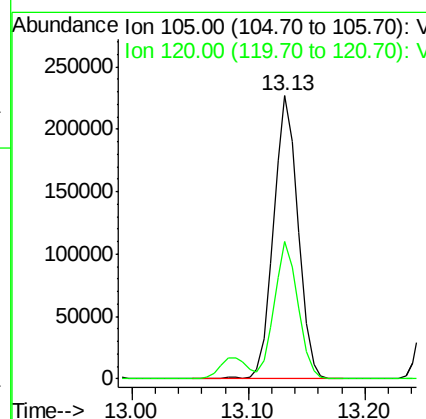
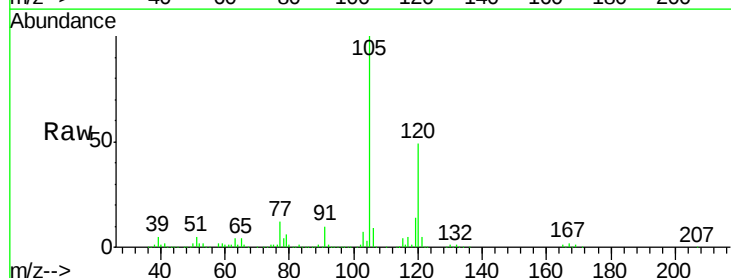
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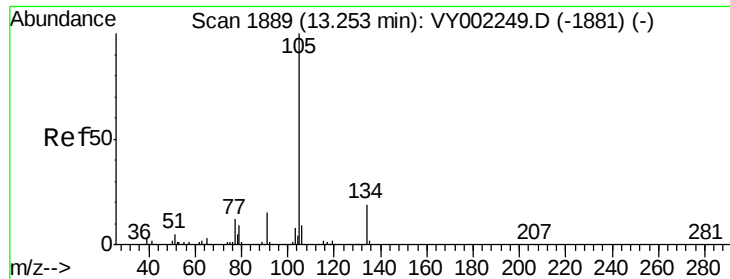
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#84
1,2,4-Trimethylbenzene
Concen: 47.791 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	331780		
120	46.8	23.1	69.2	





#85

sec-Butylbenzene

Concen: 46.441 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 402877

Ion Ratio Lower Upper

105 100

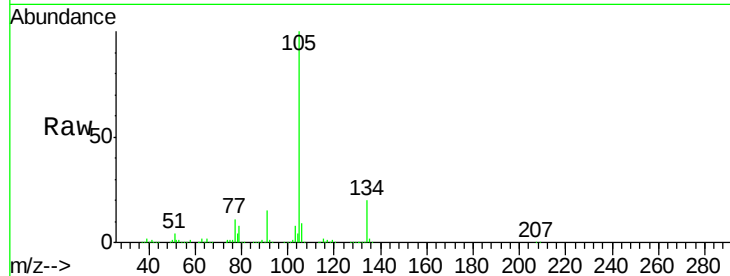
134 20.0 9.8 29.3

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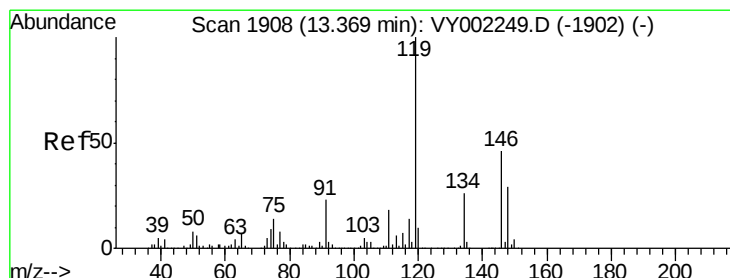
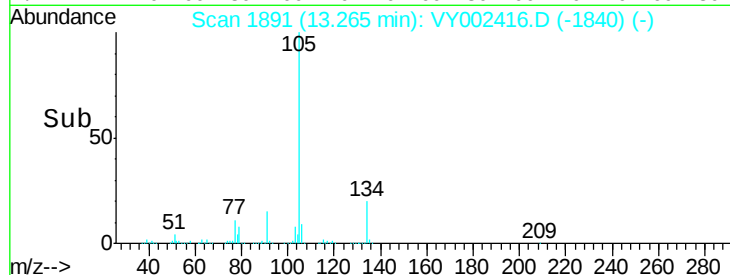
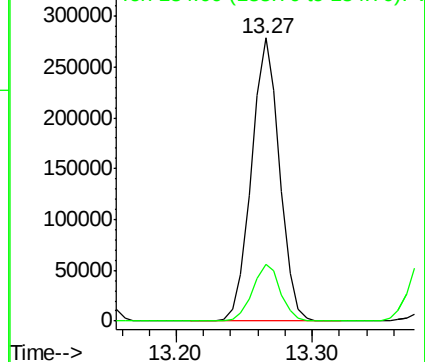
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.811 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

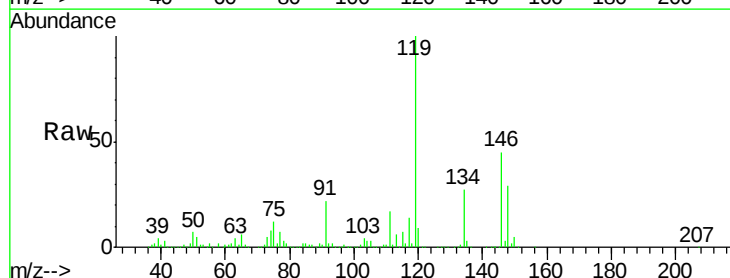
Tgt Ion:119 Resp: 349504

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

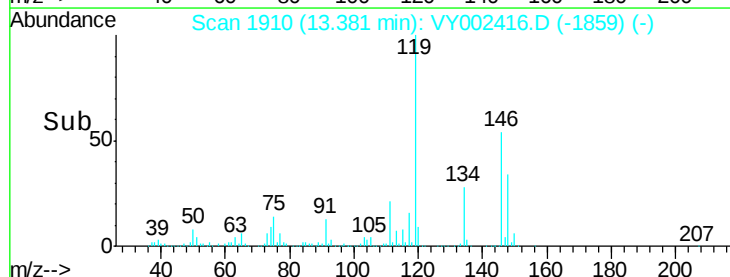
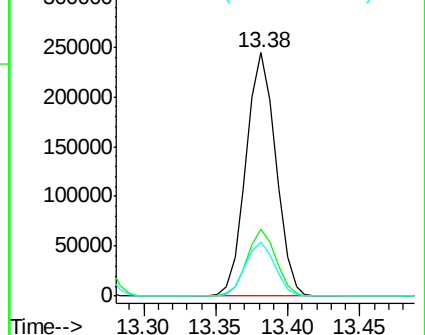
91 21.8 11.5 34.4

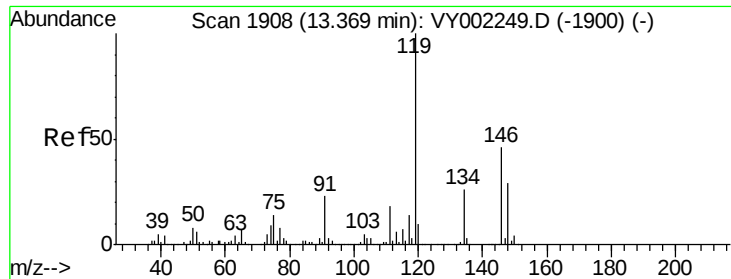


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





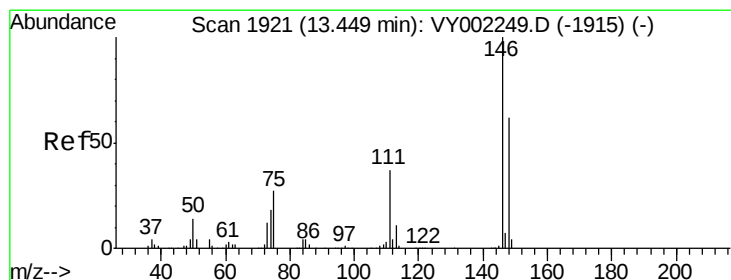
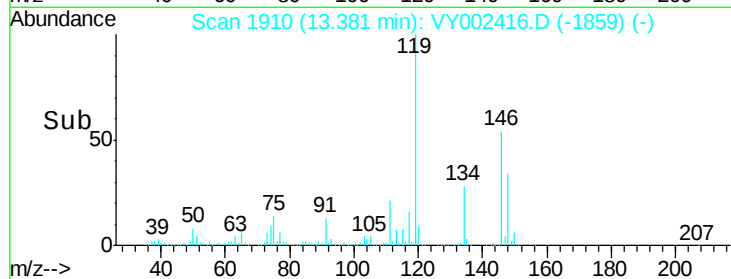
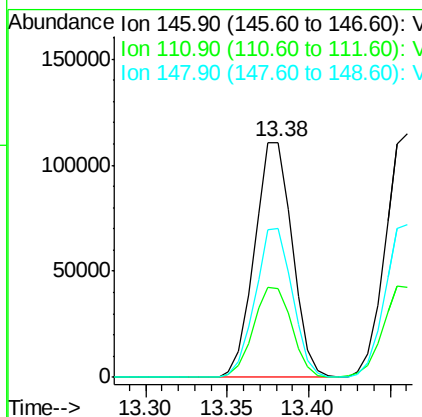
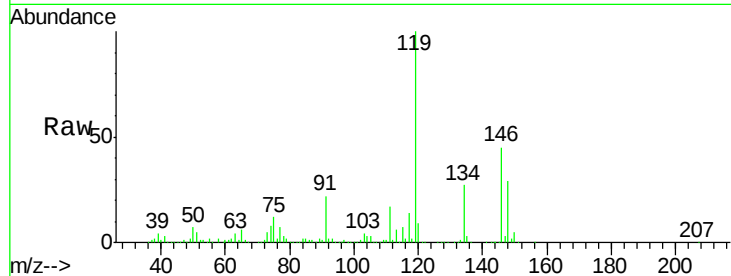
#87
 1,3-Dichlorobenzene
 Concen: 49.643 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	177936		
111	39.2	20.3	60.8	
148	62.4	32.1	96.3	

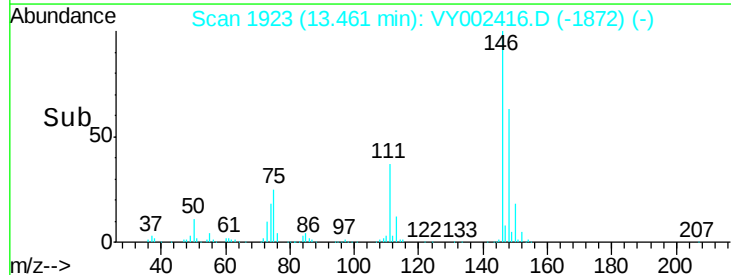
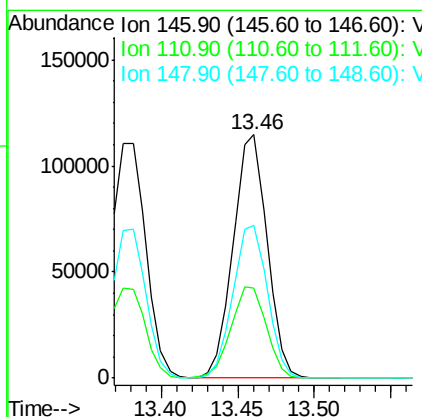
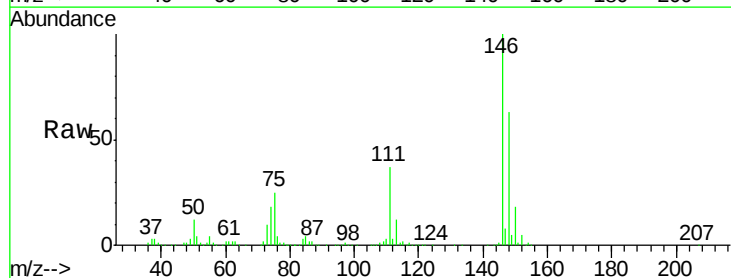
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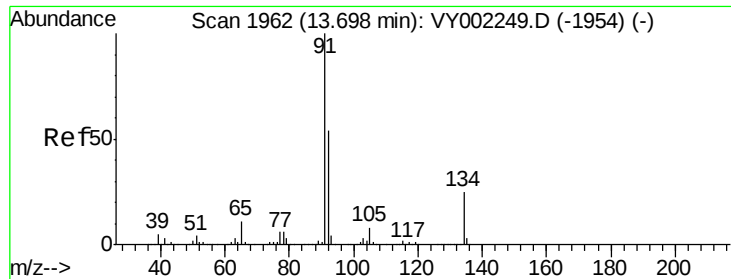
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#88
 1,4-Dichlorobenzene
 Concen: 48.678 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	177109		
111	39.0	19.6	58.8	
148	63.8	32.0	96.0	





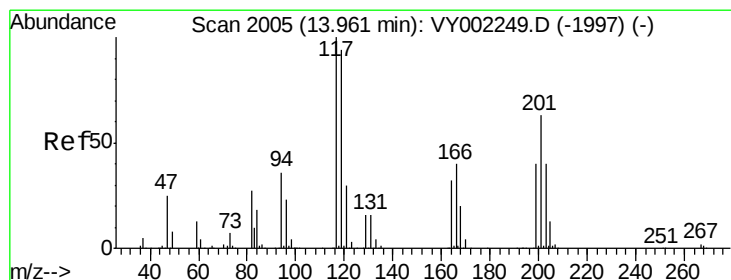
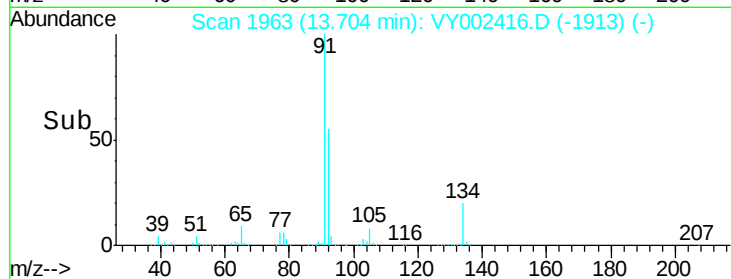
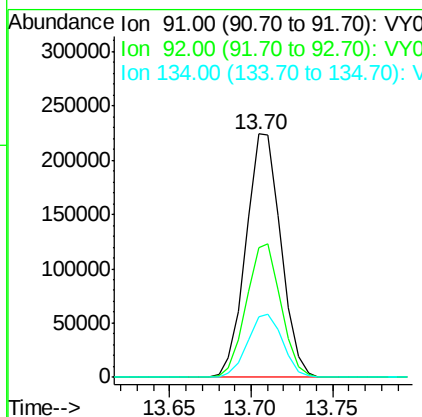
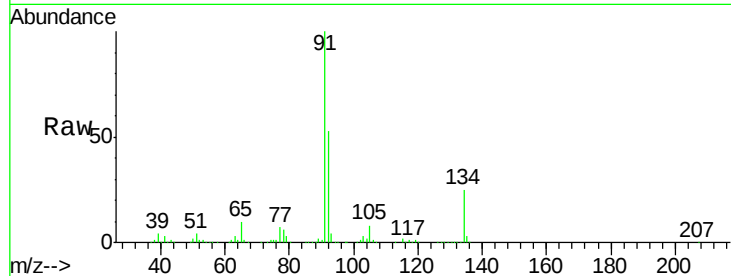
#89
n-Butylbenzene
Concen: 43.774 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.3	27.2	81.6	
134	25.9	12.7	38.0	

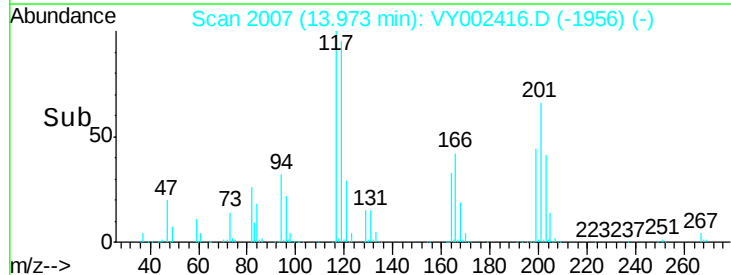
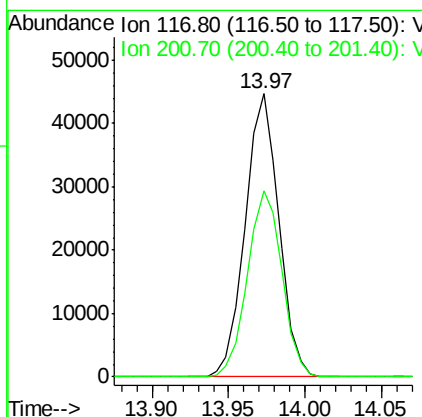
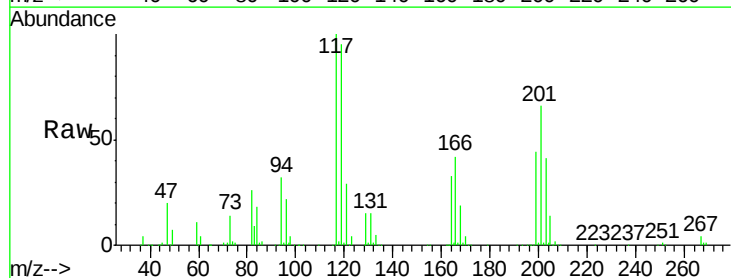
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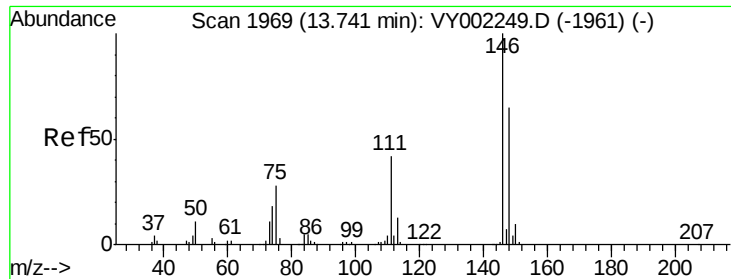
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#90
Hexachloroethane
Concen: 48.033 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	67.3	33.1	99.2	





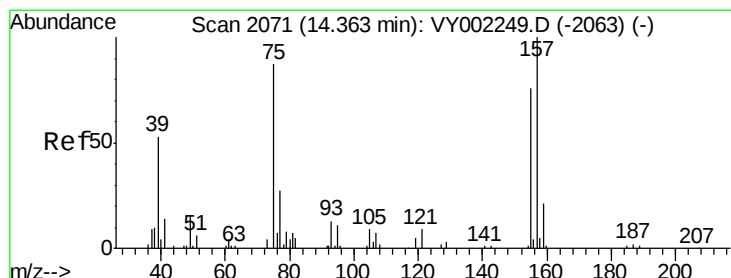
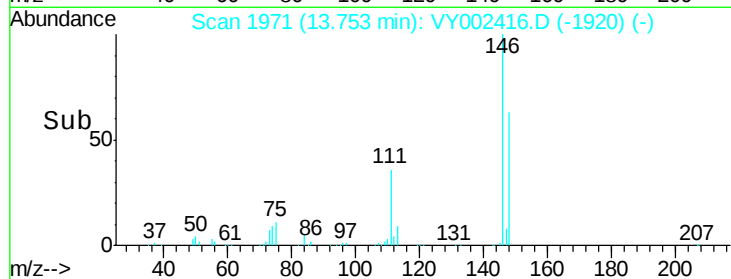
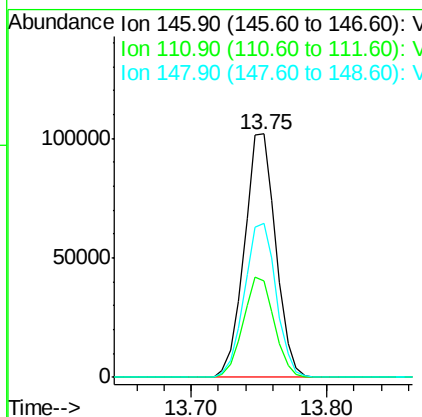
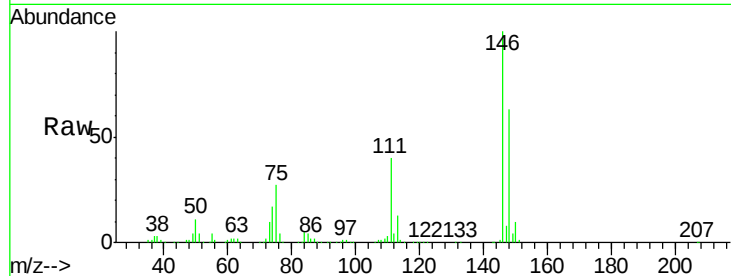
#91
 1,2-Dichlorobenzene
 Concen: 50.399 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.1	63.1
148	63.9	31.9	95.9

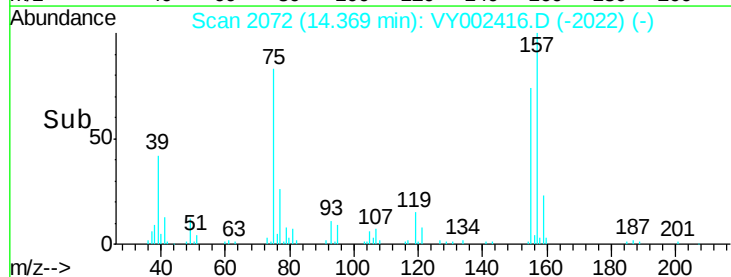
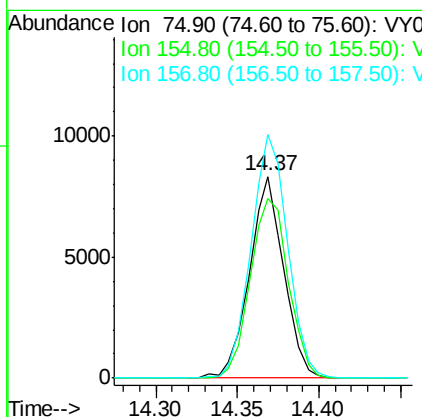
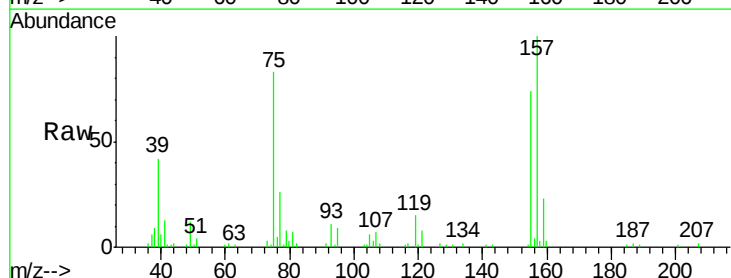
Manual Integrations
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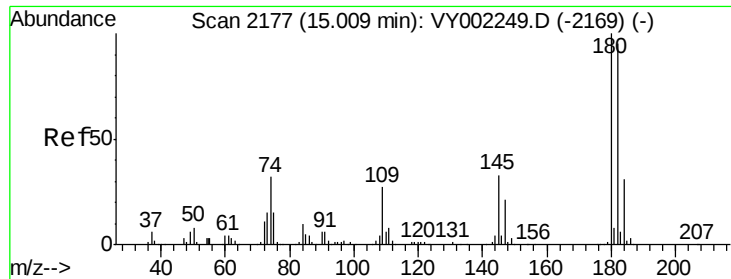
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.544 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	43.6	130.8
157	128.4	56.0	168.2





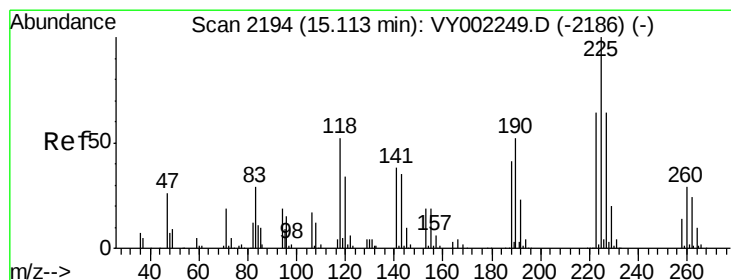
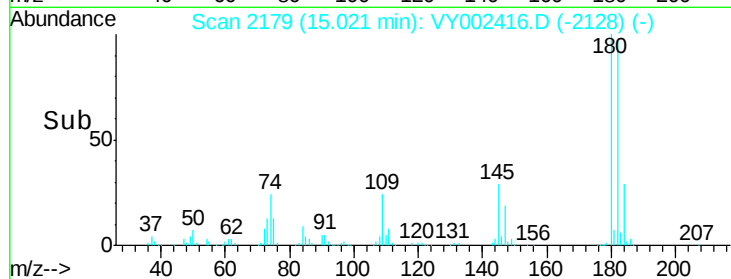
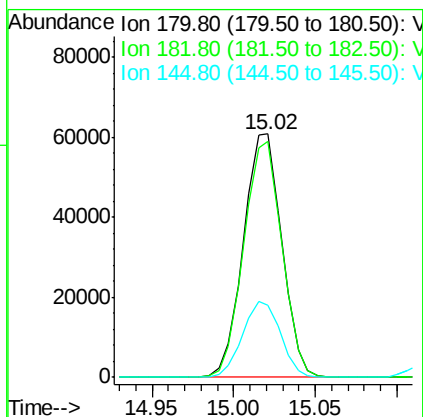
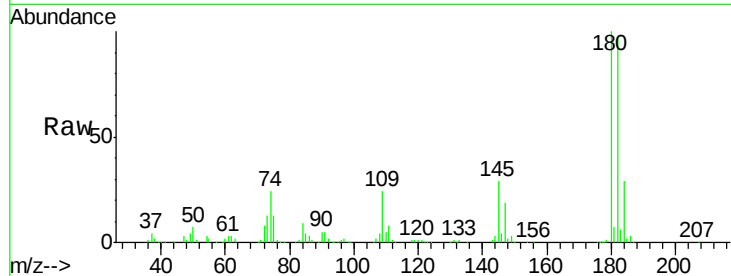
#93
 1,2,4-Trichlorobenzene
 Concen: 46.801 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.7
145	31.1	16.0	48.0

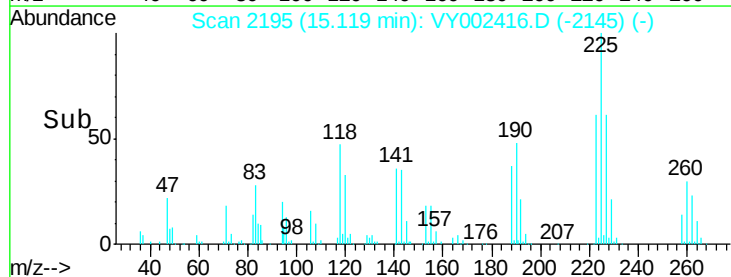
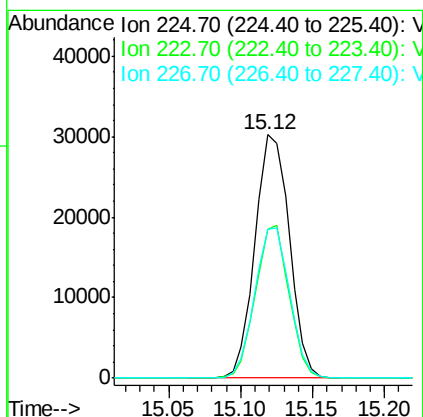
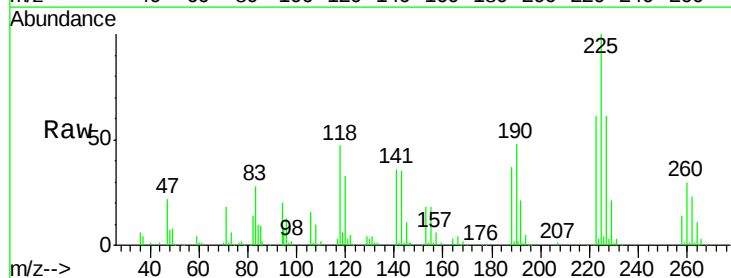
Manual Integrations
 APPROVED

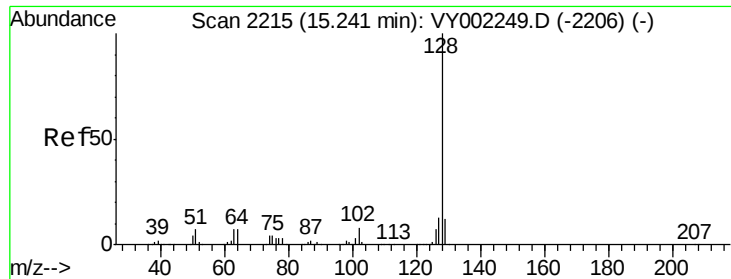
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#94
 Hexachlorobutadiene
 Concen: 46.565 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.0	93.0
227	62.6	31.3	93.9





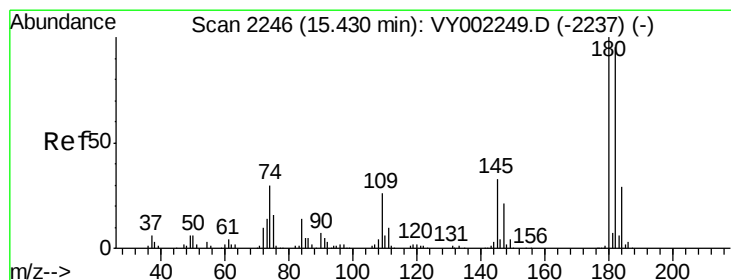
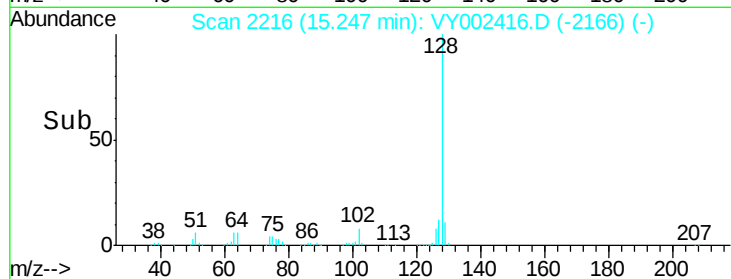
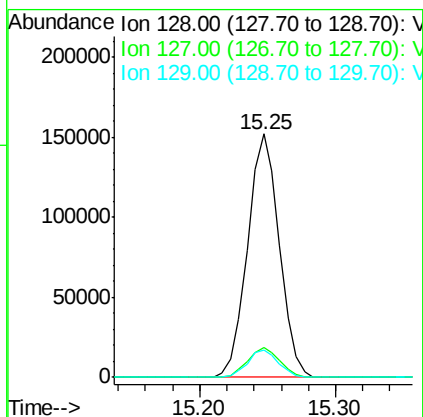
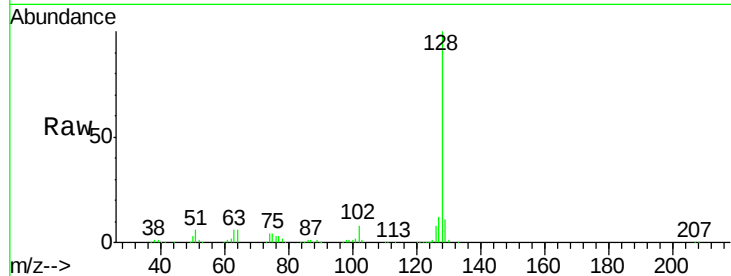
#95
Naphthalene
Concen: 53.266 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	248282		
127	12.4	10.1	15.1	
129	10.9	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.278 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89242		
182	94.4	47.1	141.3	
145	32.4	16.7	50.1	

