

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003075.D
 Acq On : 02 Jul 2020 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/6/2020 10:43:18 AM

Quant Time: Jul 03 02:45:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	425360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	611670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	561535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	296698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	203995	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.72	113	192723	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.18	98	707311	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.48	95	255776	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	153154	47.543	ug/l	97
3) Chloromethane	2.11	50	202236	42.871	ug/l	97
4) Vinyl Chloride	2.26	62	227936	49.536	ug/l	98
5) Bromomethane	2.65	94	158141	50.618	ug/l	95
6) Chloroethane	2.80	64	145748	49.791	ug/l	92
7) Trichlorofluoromethane	3.13	101	323883	49.869	ug/l	97
8) Diethyl Ether	3.54	74	107519	48.291	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	197545	50.942	ug/l	99
10) Methyl Iodide	4.10	142	243532	50.646	ug/l	99
11) Tert butyl alcohol	4.96	59	103379	240.113	ug/l	99
12) 1,1-Dichloroethene	3.88	96	184175	49.916	ug/l	97
13) Acrolein	3.74	56	77731	201.016	ug/l	99
14) Allyl chloride	4.49	41	297352	46.158	ug/l	98
15) Acrylonitrile	5.17	53	275787	240.342	ug/l	99
16) Acetone	3.95	43	276540	277.544	ug/l	97
17) Carbon Disulfide	4.20	76	570411	48.387	ug/l	99
18) Methyl Acetate	4.49	43	121904	45.412	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	535483	49.789	ug/l	97
20) Methylene Chloride	4.72	84	231637	52.437	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	208190	49.883	ug/l	94
22) Diisopropyl ether	6.13	45	662953	48.015	ug/l	98
23) Vinyl Acetate	6.07	43	2214980	239.947	ug/l	100
24) 1,1-Dichloroethane	6.03	63	371014	49.191	ug/l	99
25) 2-Butanone	6.99	43	393477	248.602	ug/l	99
26) 2,2-Dichloropropane	6.99	77	343564	50.136	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	235991	50.413	ug/l	97
28) Bromochloromethane	7.34	49	165063	49.186	ug/l	93
29) Tetrahydrofuran	7.35	42	243733	231.567	ug/l	95
30) Chloroform	7.52	83	372246	49.818	ug/l	100
31) Cyclohexane	7.79	56	339866	45.741	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	340123	49.868	ug/l	99
36) 1,1-Dichloropropene	7.92	75	296643	50.348	ug/l	99
37) Ethyl Acetate	7.08	43	169798	47.932	ug/l	99
38) Carbon Tetrachloride	7.90	117	310851	50.709	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	365571	50.044	ug/l	98
40) Benzene	8.16	78	822658	51.001	ug/l	98
41) Methacrylonitrile	7.32	41	90990m	48.083	ug/l	
42) 1,2-Dichloroethane	8.24	62	254701	49.913	ug/l	100
43) Isopropyl Acetate	8.27	43	328989	48.851	ug/l	97
44) Trichloroethene	8.94	130	242491	51.722	ug/l	100
45) 1,2-Dichloropropane	9.22	63	217524	50.125	ug/l	94
46) Dibromomethane	9.31	93	124698	51.448	ug/l	98
47) Bromodichloromethane	9.50	83	302979	51.051	ug/l	100
48) Methyl methacrylate	9.30	41	147366	48.075	ug/l	98
49) 1,4-Dioxane	9.30	88	31681	1070.779	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	852583	244.942	ug/l	98
52) Toluene	10.24	92	511312	50.355	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	317419	51.013	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	362374	50.922	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	175151	52.004	ug/l	97
56) Ethyl methacrylate	10.51	69	248740	51.019	ug/l	97
57) 1,3-Dichloropropane	10.79	76	298621	50.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	661298	264.470	ug/l	98
59) 2-Hexanone	10.83	43	634323	260.724	ug/l	100
60) Dibromochloromethane	10.99	129	223013	51.741	ug/l	100
61) 1,2-Dibromoethane	11.09	107	169144	50.941	ug/l	99
64) Tetrachloroethene	10.72	164	240325	50.568	ug/l	99
65) Chlorobenzene	11.52	112	568134	51.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	223498	51.701	ug/l	98
67) Ethyl Benzene	11.59	91	1035274	51.109	ug/l	100
68) m/p-Xylenes	11.70	106	776988	103.063	ug/l	99
69) o-Xylene	12.03	106	364855	51.358	ug/l	98
70) Styrene	12.05	104	630097	51.917	ug/l	99
71) Bromoform	12.21	173	148932	51.667	ug/l	100
73) Isopropylbenzene	12.33	105	995785	51.282	ug/l	100
74) N-amyl acetate	12.14	43	310960	49.192	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	203456	51.921	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	151871m	51.720	ug/l	
77) Bromobenzene	12.61	156	252538	50.724	ug/l	99
78) n-propylbenzene	12.67	91	1197373	51.274	ug/l	100
79) 2-Chlorotoluene	12.76	91	664566	50.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	831366	51.022	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	78234	51.836	ug/l	94
82) 4-Chlorotoluene	12.86	91	697355	51.385	ug/l	100
83) tert-Butylbenzene	13.08	119	734342	51.326	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	840598	51.197	ug/l	99
85) sec-Butylbenzene	13.25	105	1014021	51.419	ug/l	100
86) p-Isopropyltoluene	13.37	119	945303	51.731	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	474606	51.060	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	466930	50.944	ug/l	100
89) n-Butylbenzene	13.70	91	900457	51.502	ug/l	100
90) Hexachloroethane	13.96	117	191084	52.660	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	425217	50.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33889	48.854	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	310509	50.108	ug/l	99
94) Hexachlorobutadiene	15.11	225	200470	51.287	ug/l	98
95) Naphthalene	15.24	128	569365	50.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	269717	50.124	ug/l	100

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

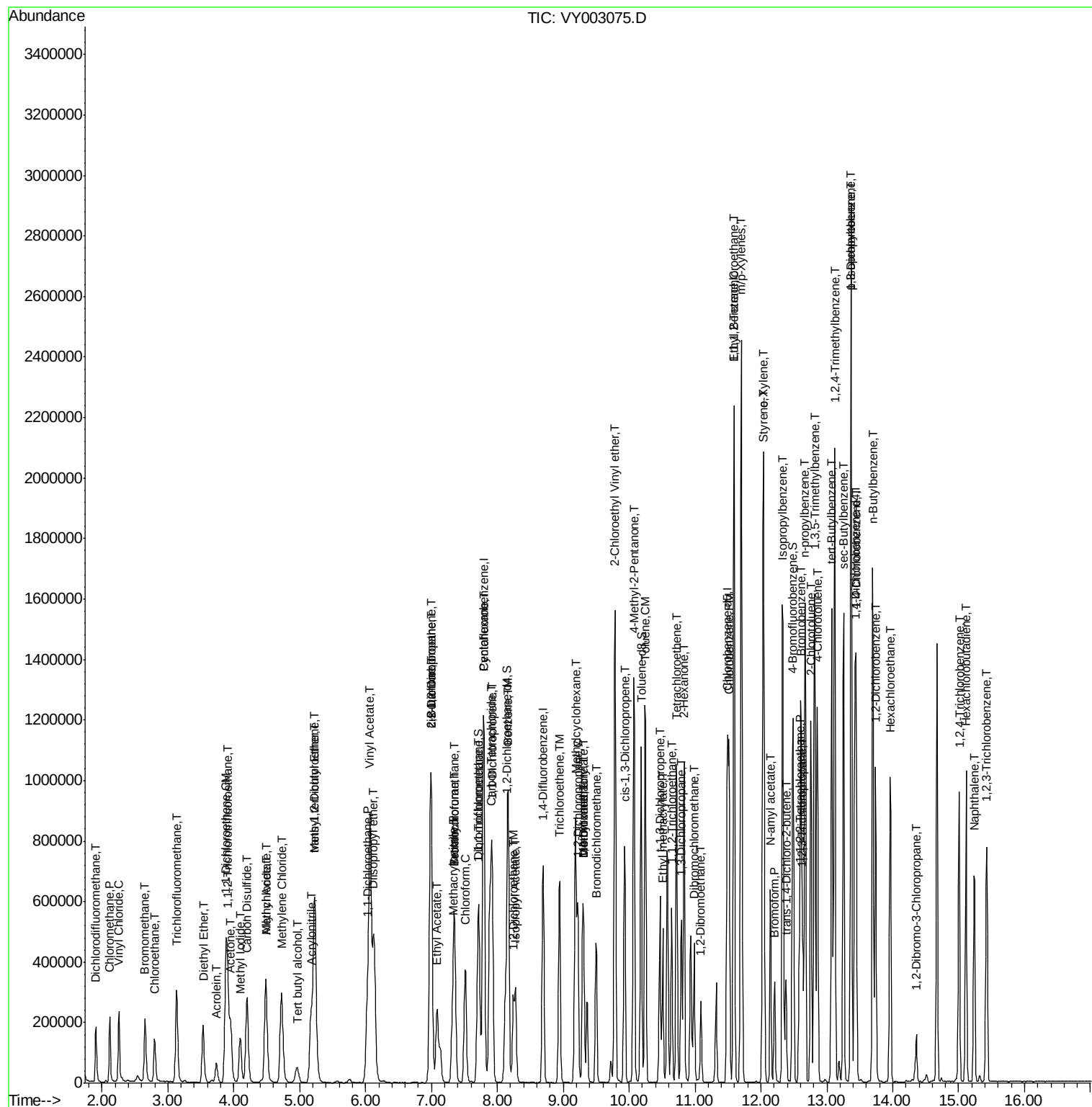
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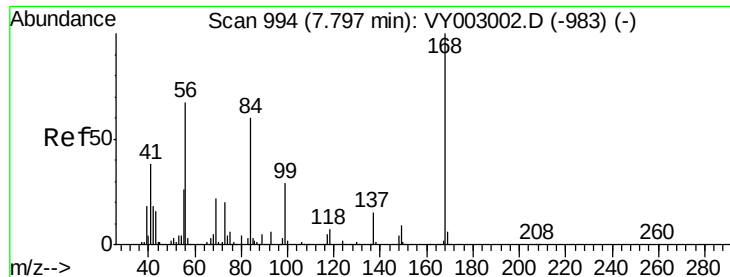
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 425360

Ion Ratio Lower Upper

168 100

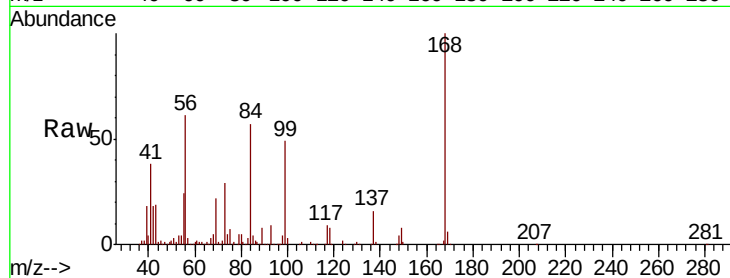
99 49.4 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003075.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003075.D (-945) (-)

200000

150000

100000

50000

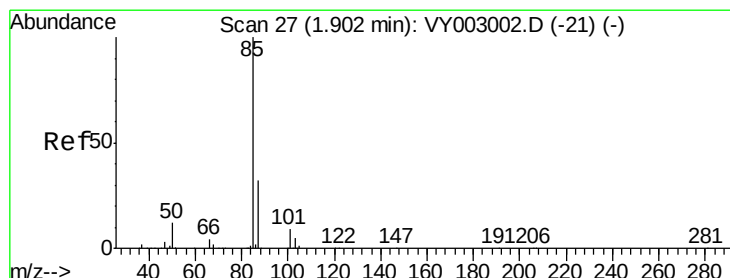
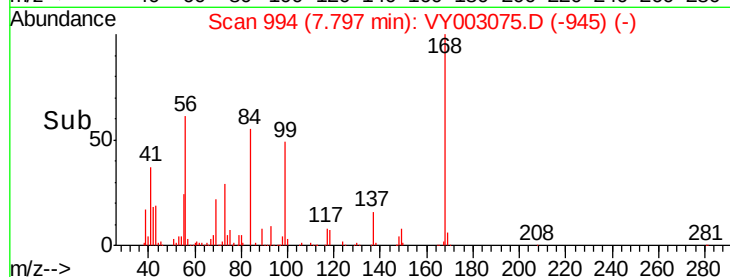
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.543 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003075.D

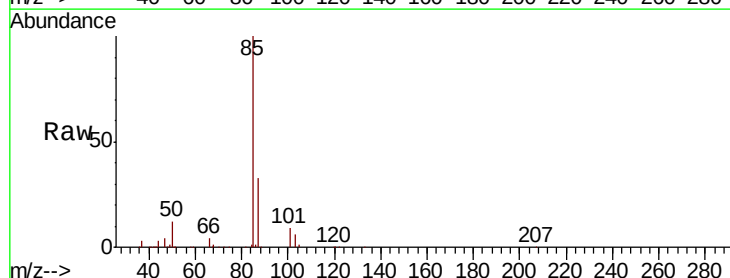
Acq: 02 Jul 2020 10:35

Tgt Ion: 85 Resp: 153154

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003075.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003075.D (-1) (-)

120000

100000

80000

60000

40000

20000

0

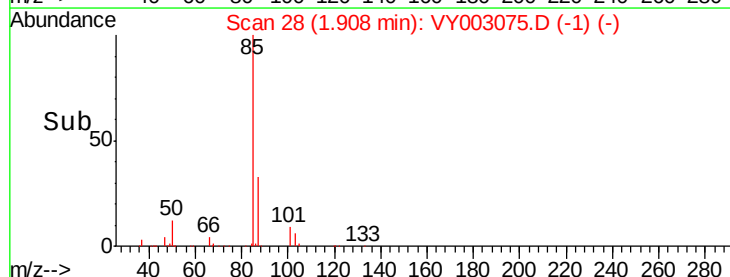
1.80

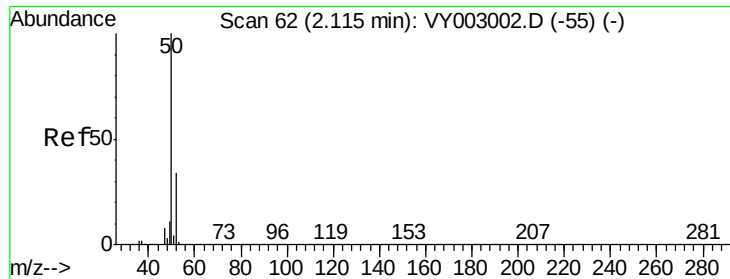
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 42.871 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 202236

Ion Ratio Lower Upper

50 100

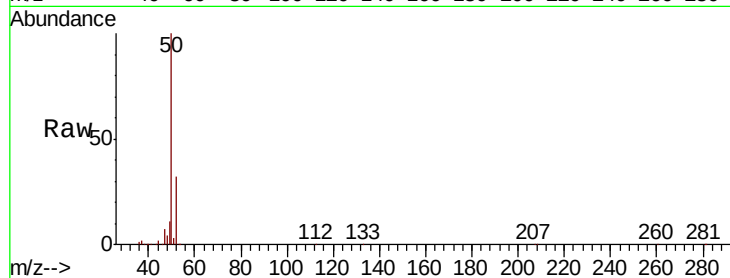
52 31.6 26.9 40.3

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

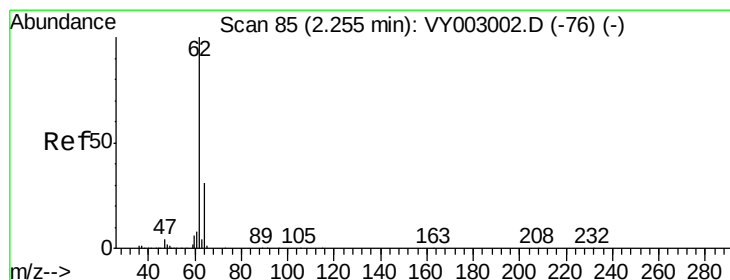
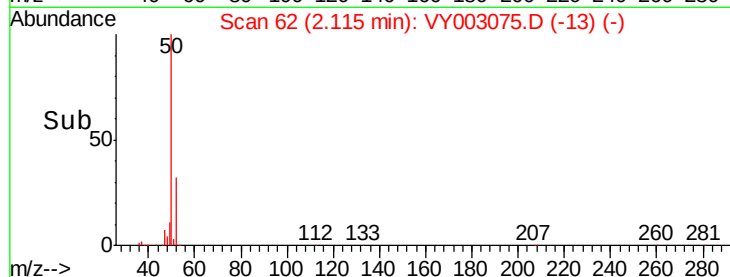
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.536 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003075.D

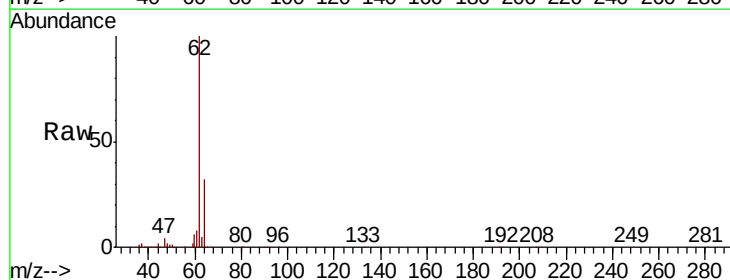
Acq: 02 Jul 2020 10:35

Tgt Ion: 62 Resp: 227936

Ion Ratio Lower Upper

62 100

64 31.5 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

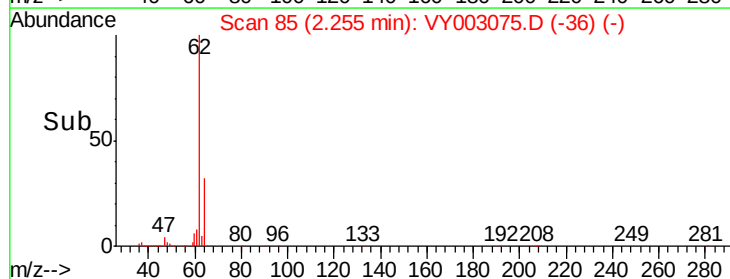
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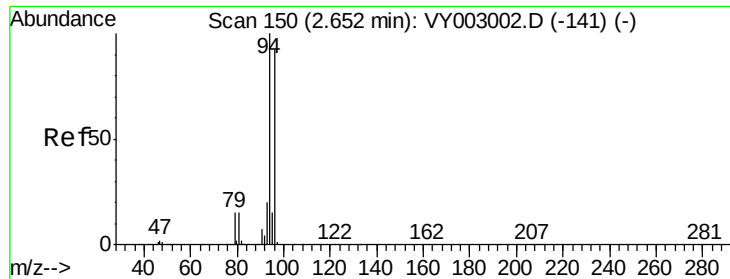
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.618 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 158141

Ion Ratio Lower Upper

94 100

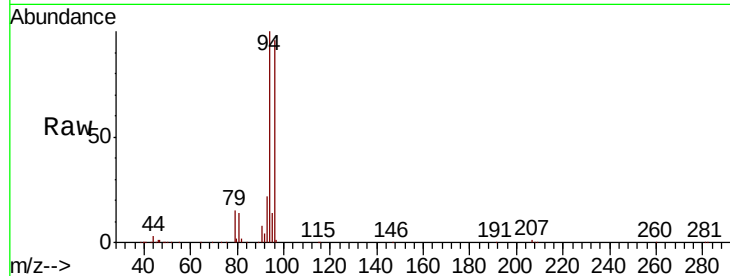
96 96.2 73.4 110.2

Manual Integrations

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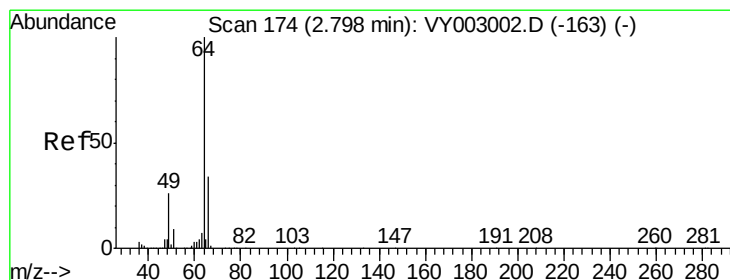
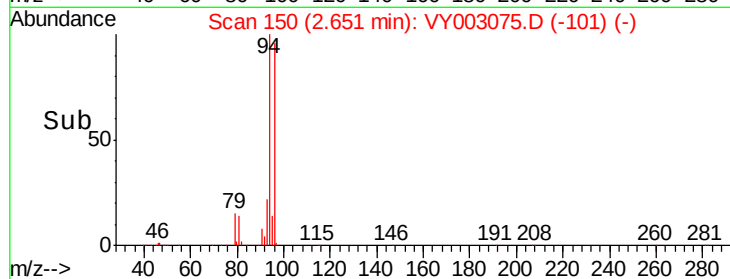
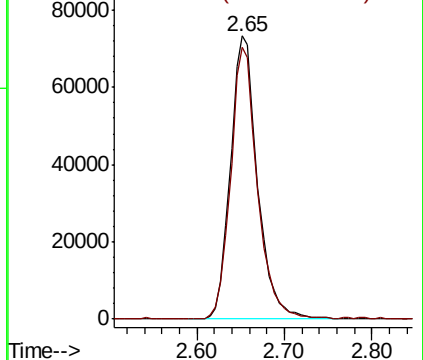
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.791 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003075.D

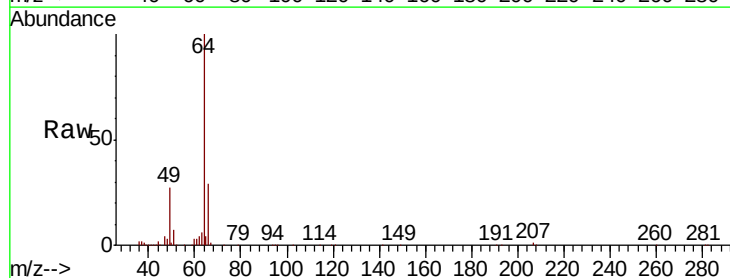
Acq: 02 Jul 2020 10:35

Tgt Ion: 64 Resp: 145748

Ion Ratio Lower Upper

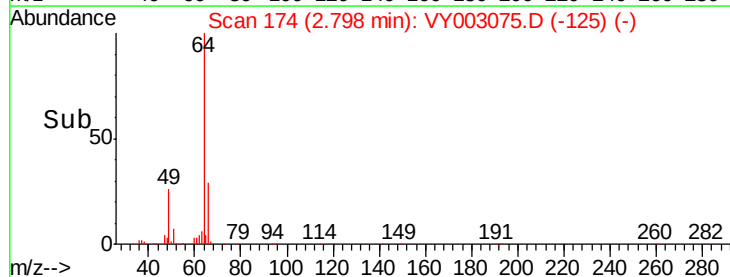
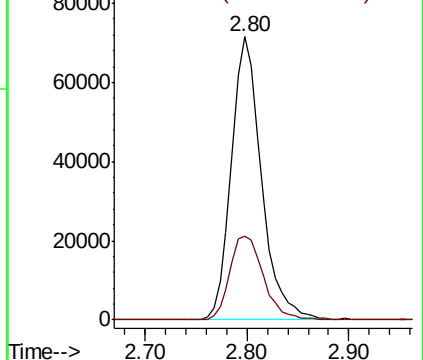
64 100

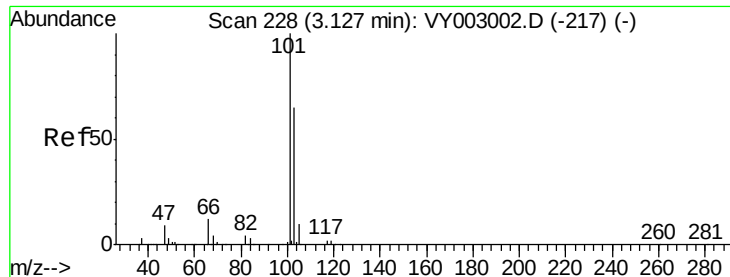
66 29.4 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

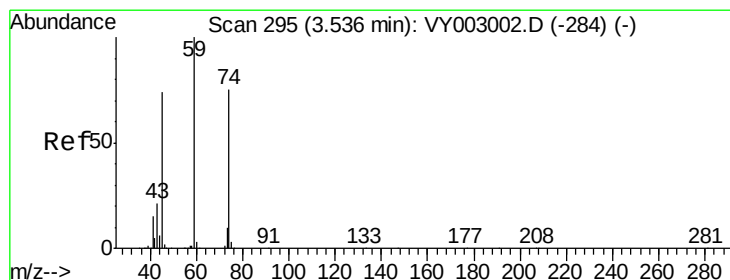
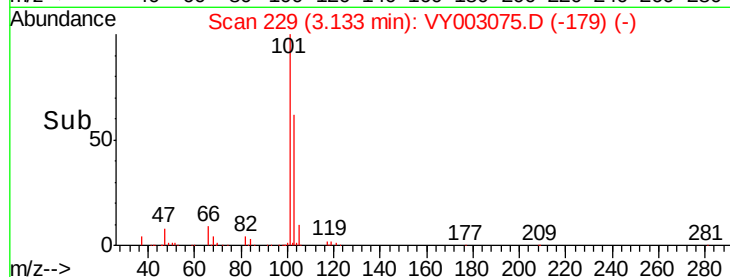
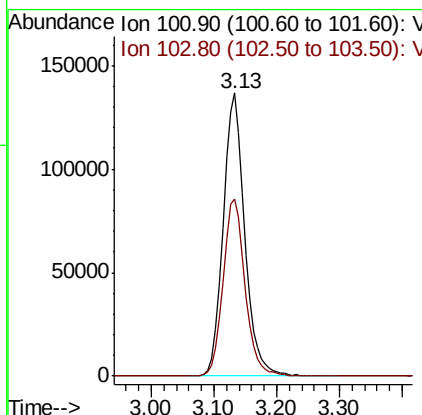
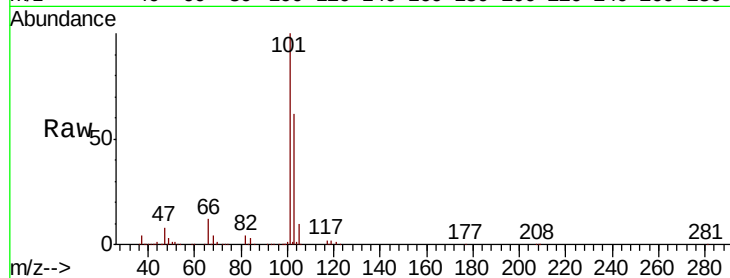
Trichlorofluoromethane
Concen: 49.869 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.6	77.4

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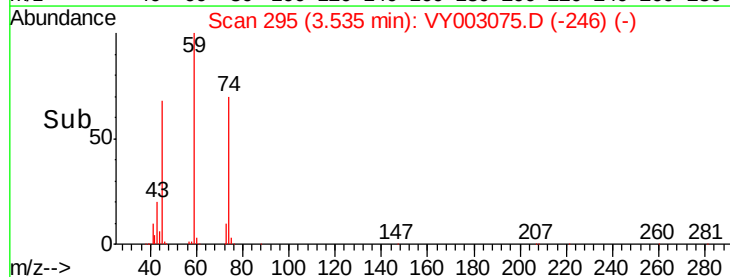
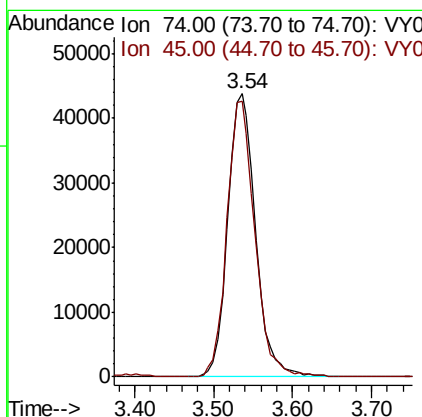
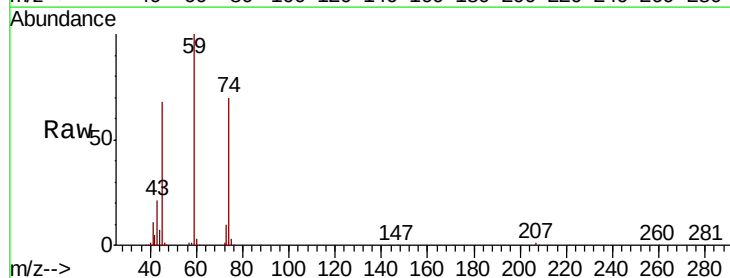
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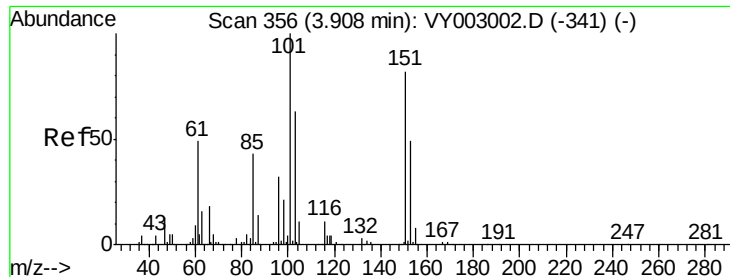


#8

Diethyl Ether
Concen: 48.291 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.942 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

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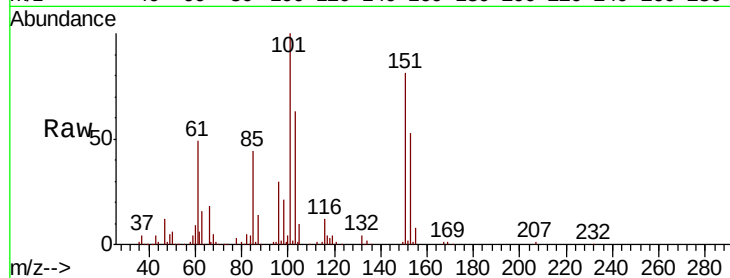
ClientSampleId :

VSTDCCC050

Tot Ion	101	Resp	197545
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.5	53.3
151	81.3	65.5	98.3

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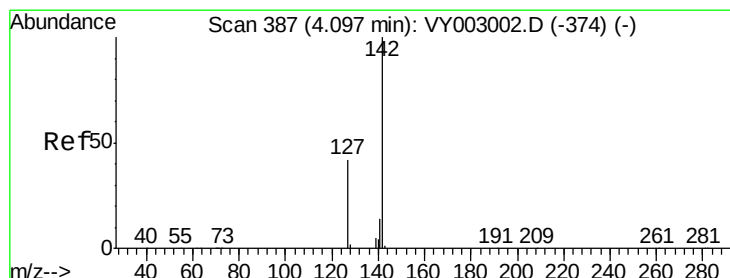
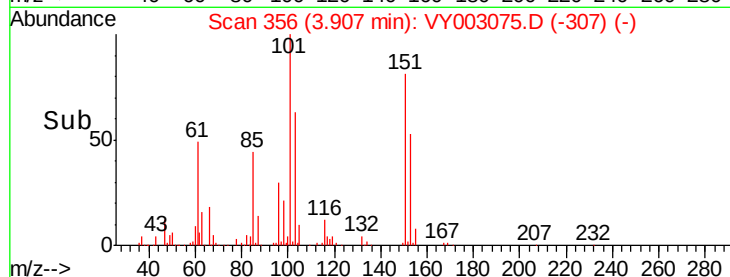
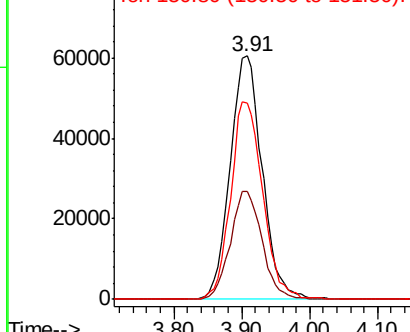


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.646 ug/l

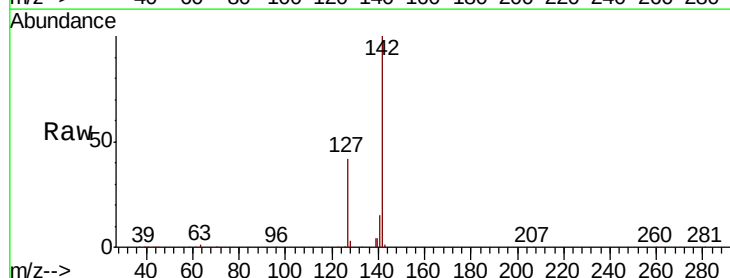
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion	142	Resp	243532
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.2	51.2
141	14.6	11.7	17.5

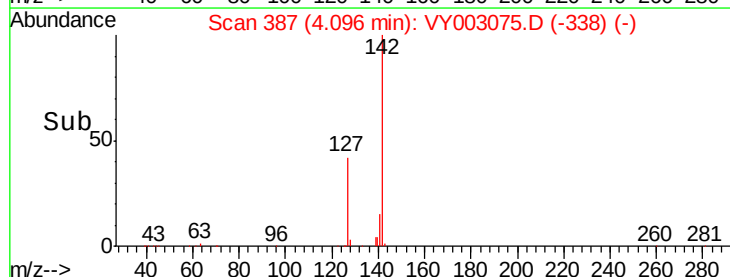
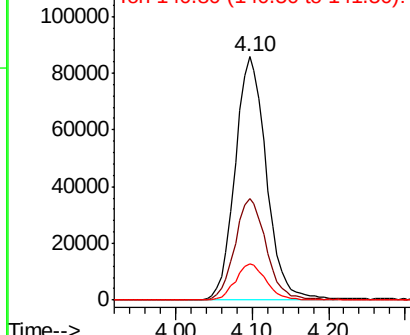


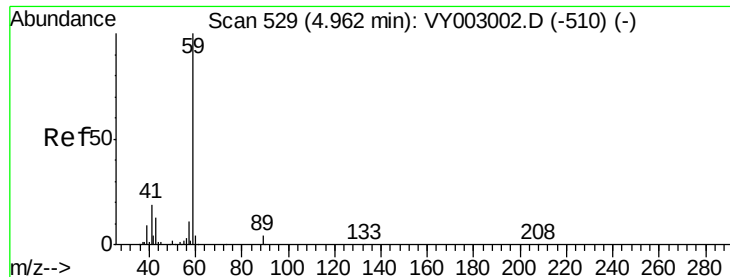
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

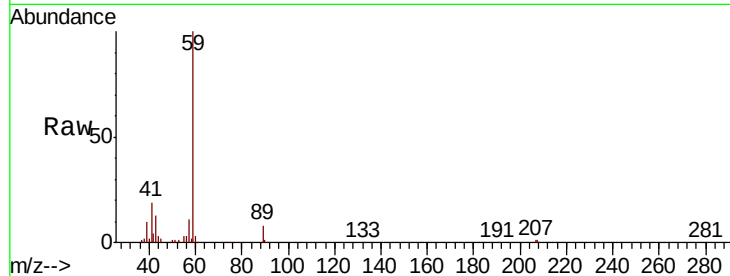
Tert butyl alcohol
 Concen: 240.113 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

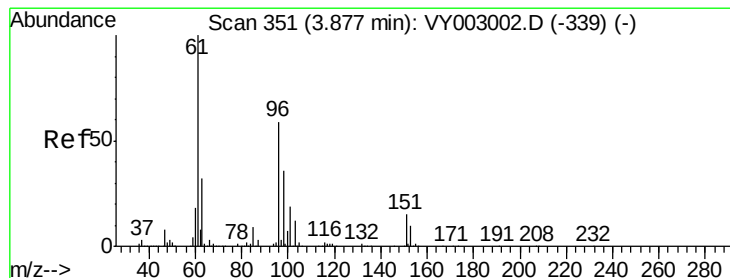
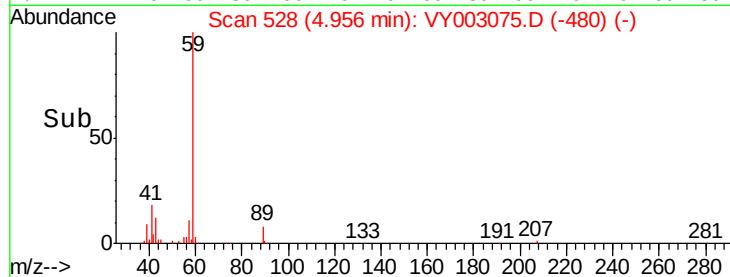
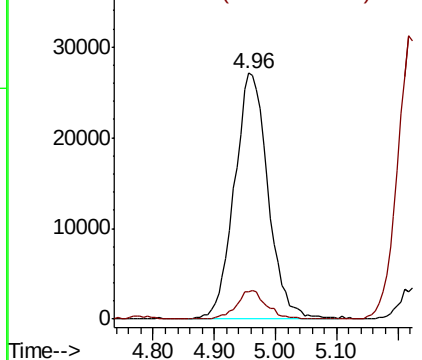
Tot Ion	59	Resp	103379
Ion Ratio	59	100	
Lower	57	10.3	8.0
Upper			12.0

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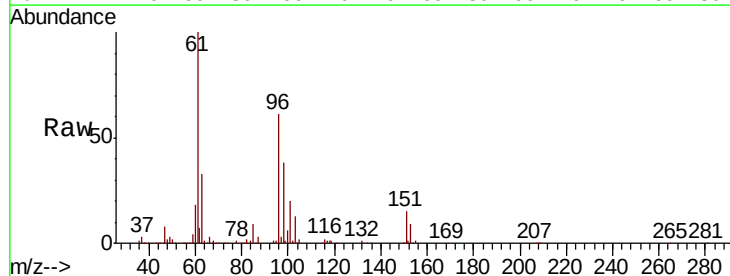
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



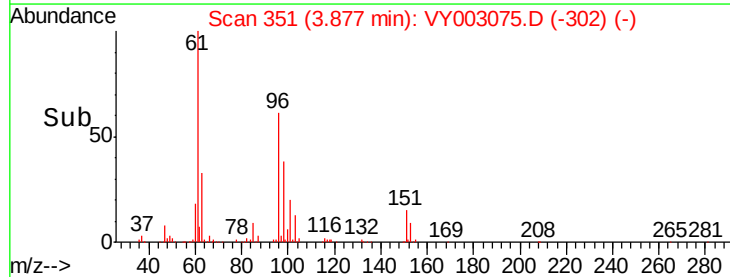
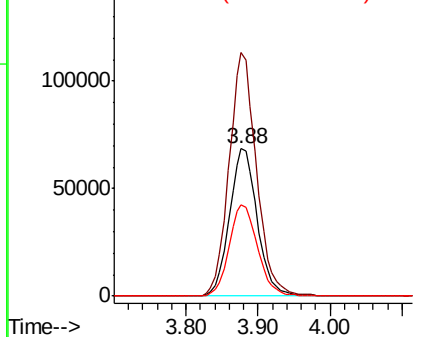
#12

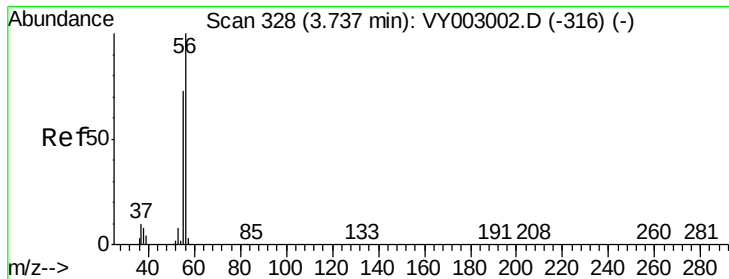
1,1-Dichloroethene
 Concen: 49.916 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	96	Resp	184175
Ion Ratio	96	100	
Lower	61	165.1	136.7
Upper	98	62.3	49.7
			74.5



Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 201.016 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 77731

Ion Ratio Lower Upper

56 100

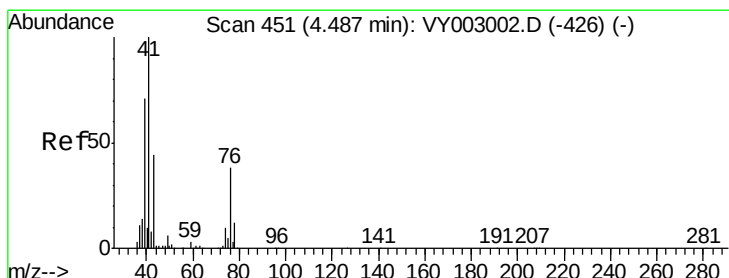
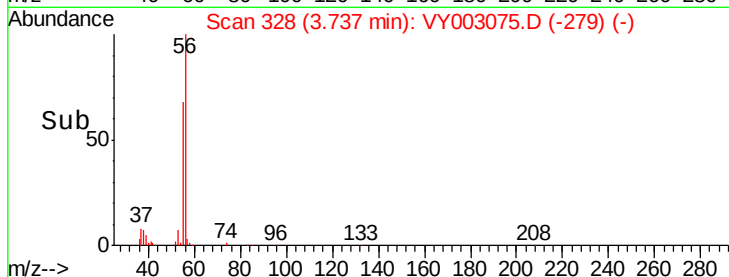
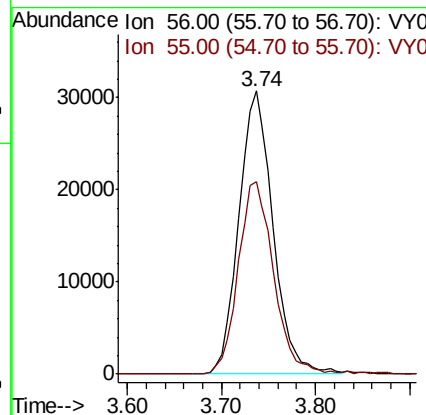
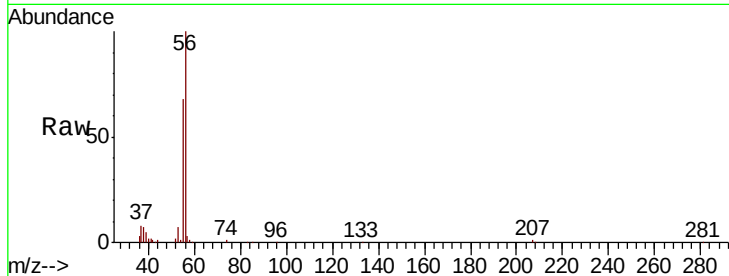
55 71.1 56.4 84.6

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#14

Allyl chloride

Concen: 46.158 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

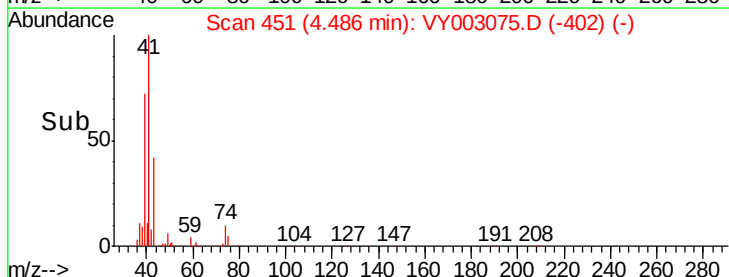
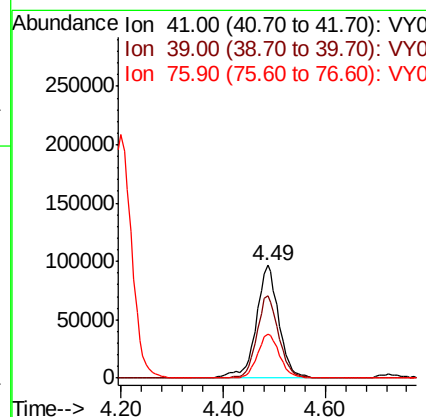
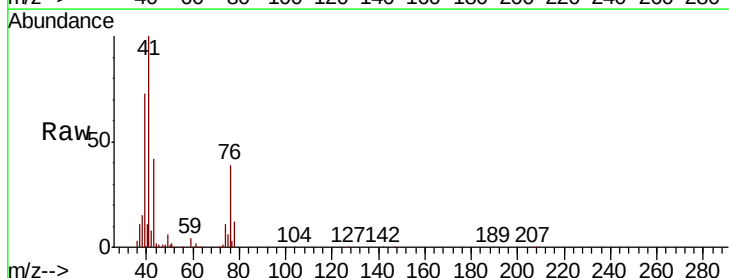
Tgt Ion: 41 Resp: 297352

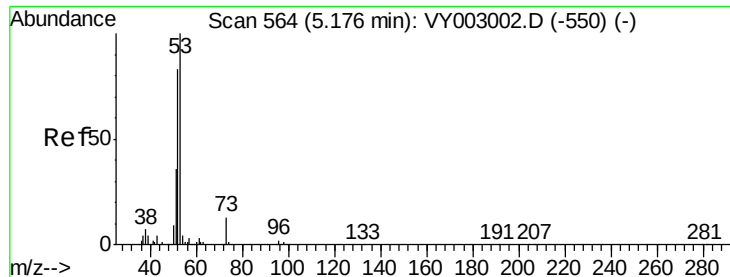
Ion Ratio Lower Upper

41 100

39 70.9 55.6 83.4

76 38.0 28.6 43.0





#15

Acrylonitrile

Concen: 240.342 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

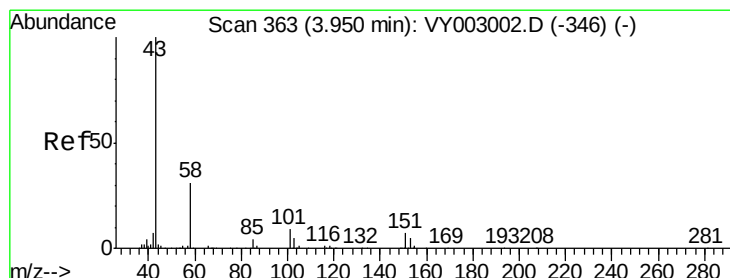
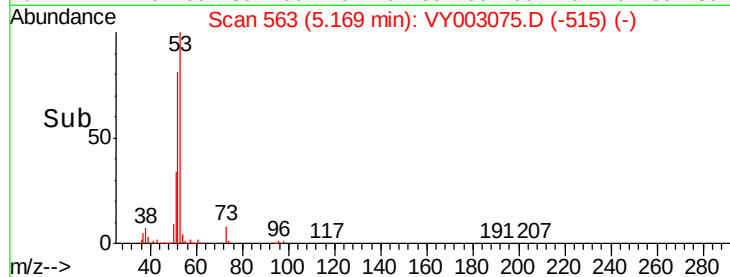
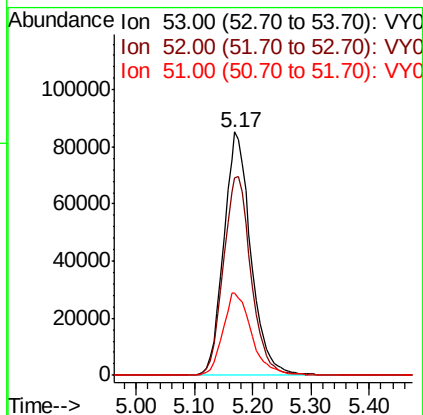
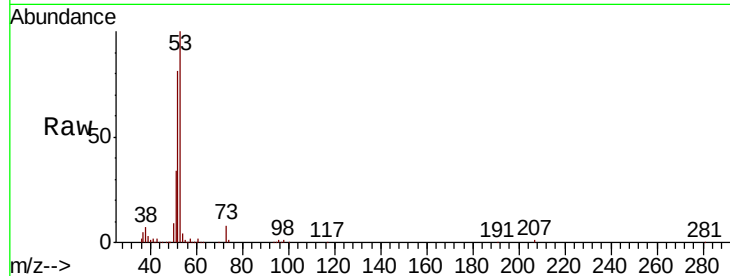
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	275787
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.2	99.2
51	35.9	29.5	44.3

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#16

Acetone

Concen: 277.544 ug/l

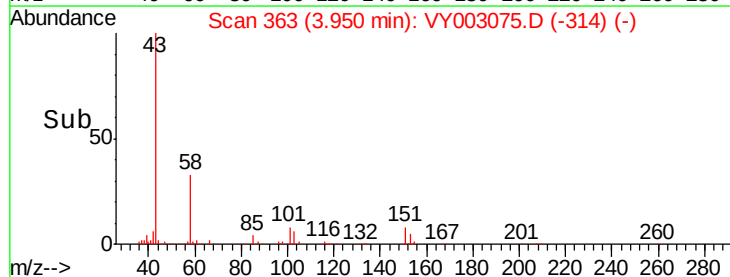
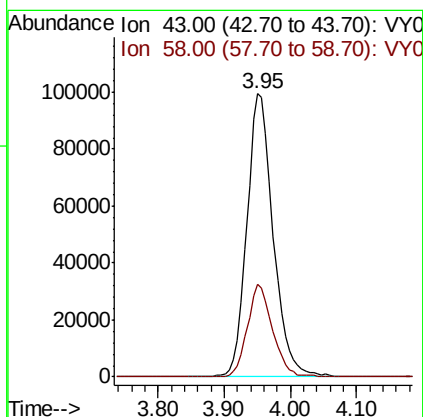
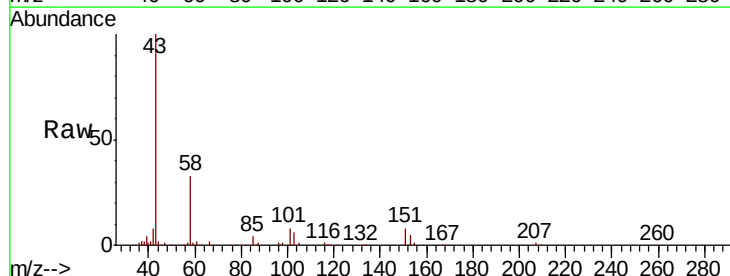
RT: 3.95 min Scan# 363

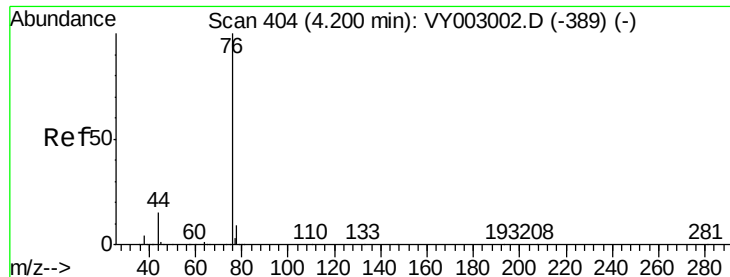
Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion:	43	Resp:	276540
Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.7	37.1





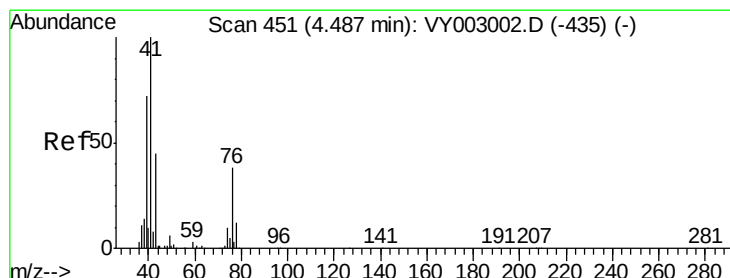
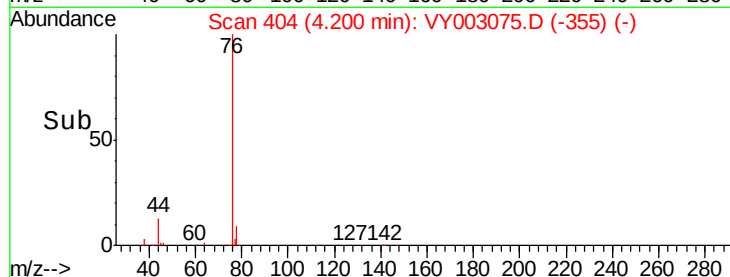
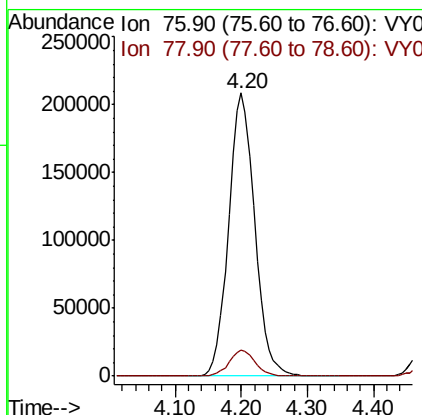
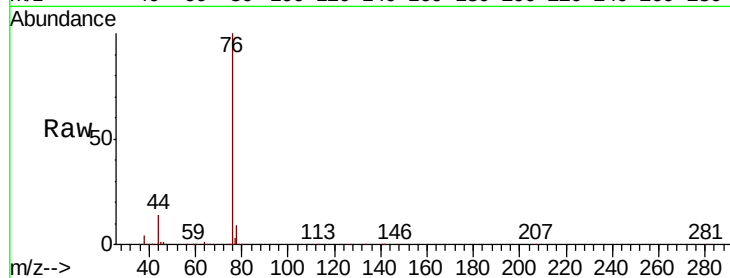
#17
Carbon Disulfide
Concen: 48.387 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

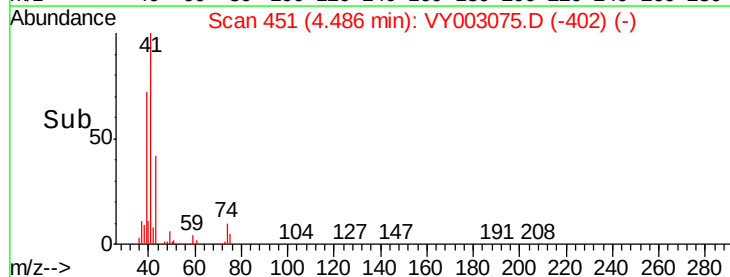
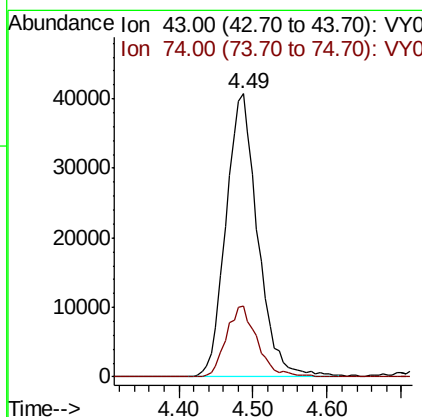
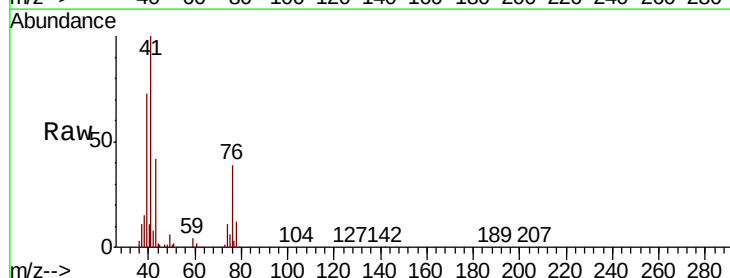
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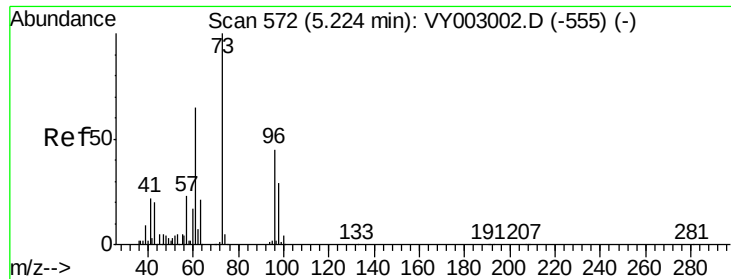
MMDadoda
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#18
Methyl Acetate
Concen: 45.412 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.2	27.4





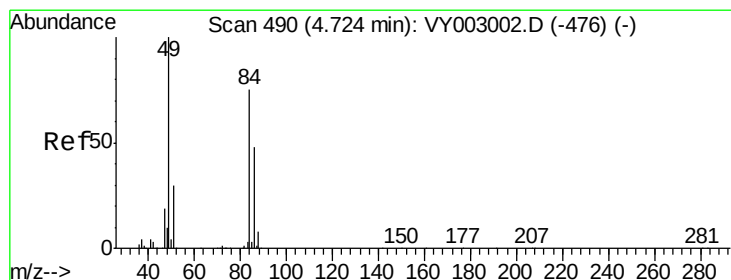
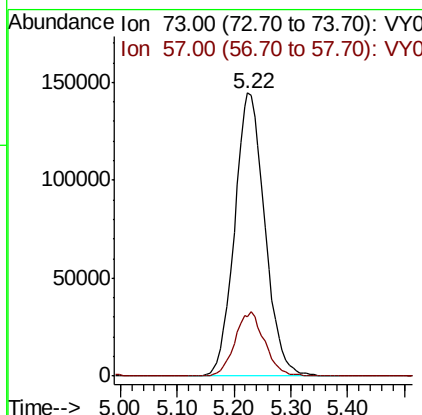
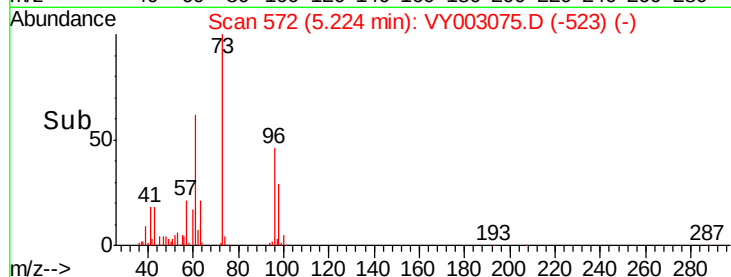
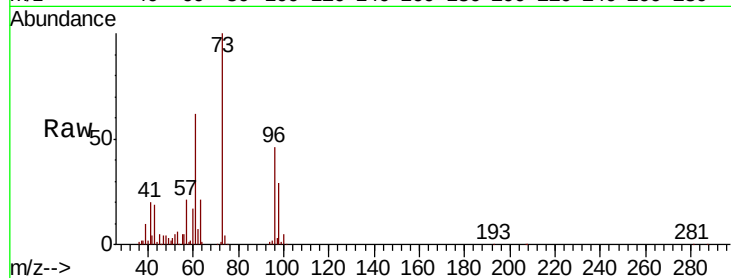
#19
Methyl tert-butyl Ether
Concen: 49.789 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.2	27.2

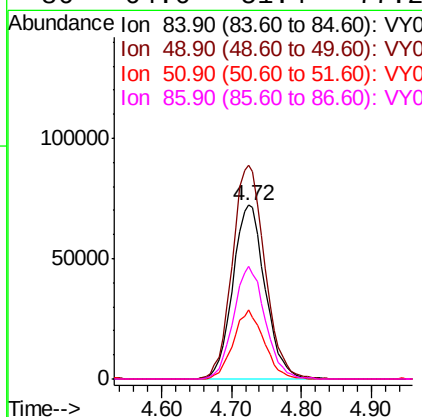
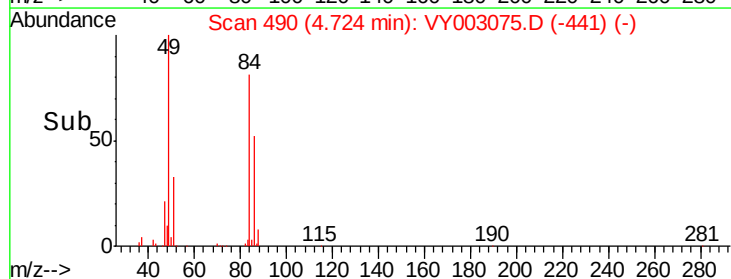
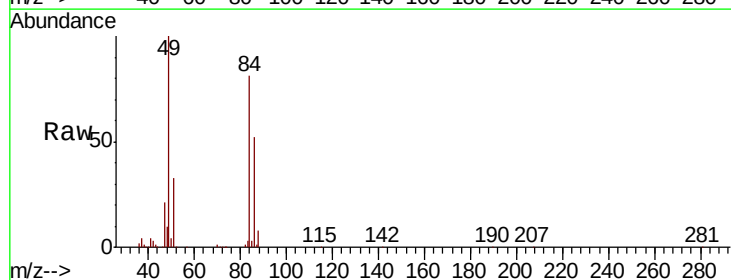
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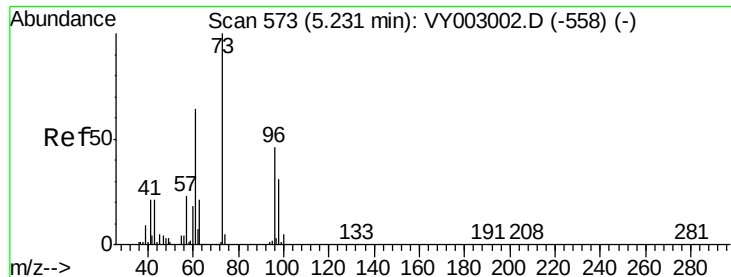
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#20
Methylene Chloride
Concen: 52.437 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.1	106.8	160.2
51	40.2	32.0	48.0
86	64.6	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 49.883 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

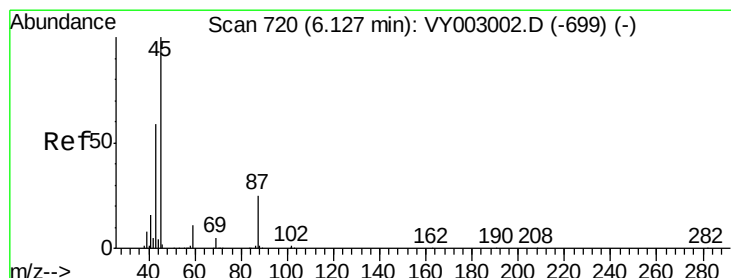
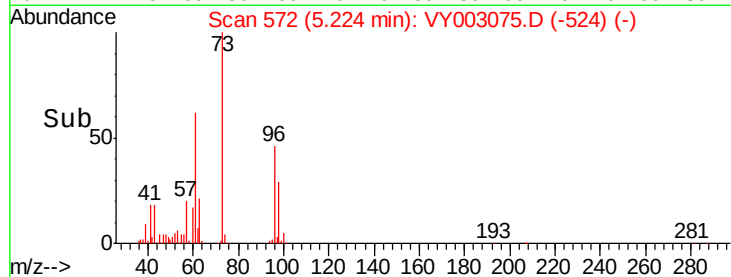
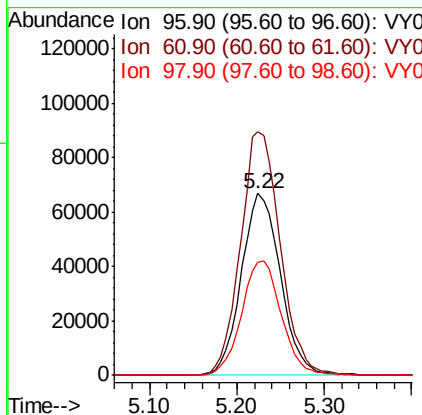
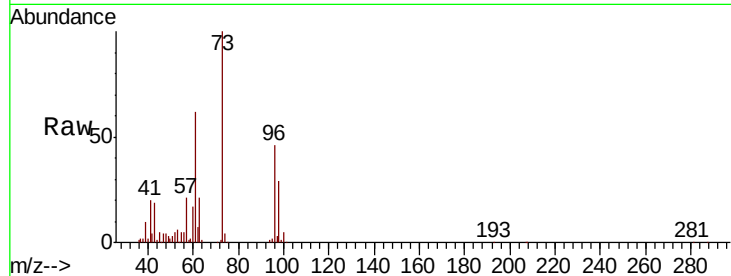
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	208190
Ion	Ratio	Lower	Upper
96	100		
61	134.0	112.3	168.5
98	62.2	53.8	80.8

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#22

Diisopropyl ether

Concen: 48.015 ug/l

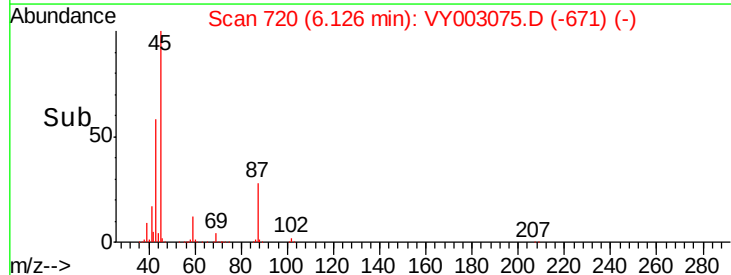
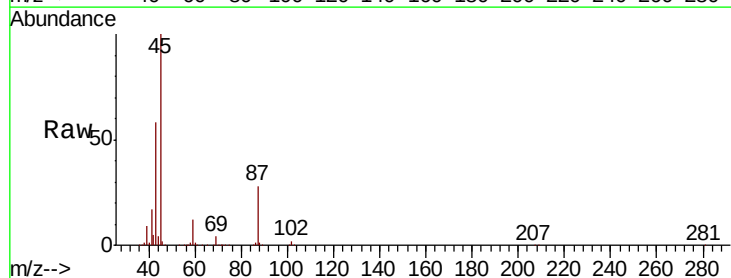
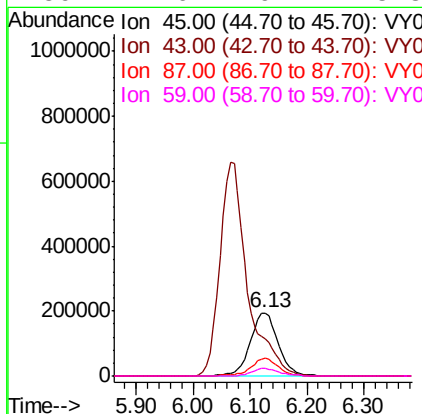
RT: 6.13 min Scan# 720

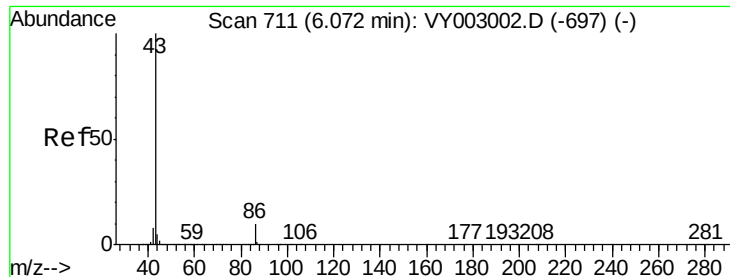
Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion:	45	Resp:	662953
Ion	Ratio	Lower	Upper
45	100		
43	58.2	47.4	71.2
87	27.7	20.2	30.2
59	11.6	9.2	13.8





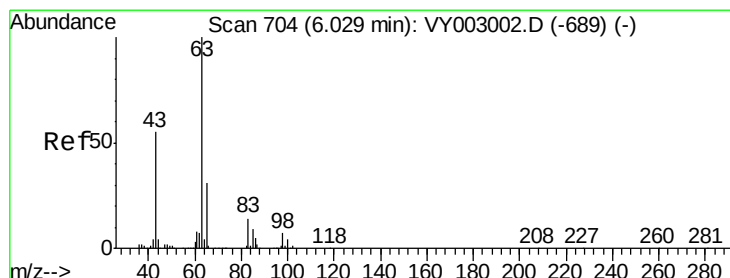
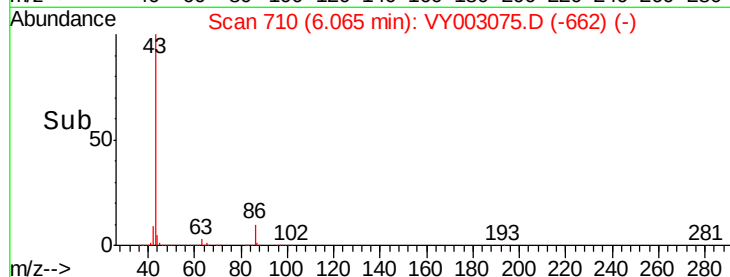
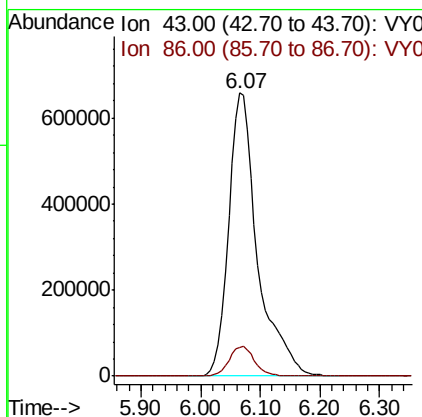
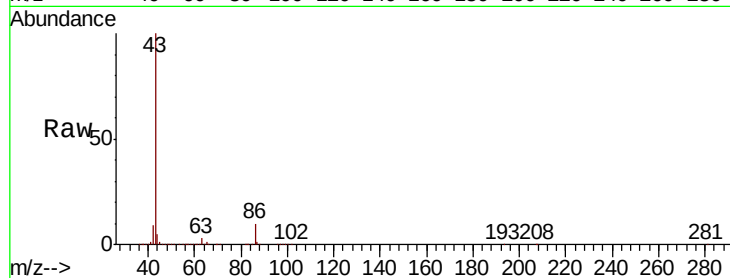
#23
 Vinyl Acetate
 Concen: 239.947 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2214980
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1

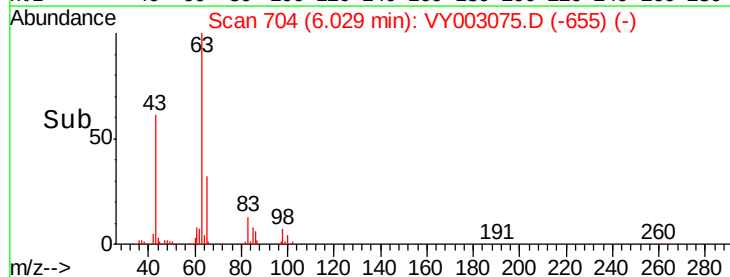
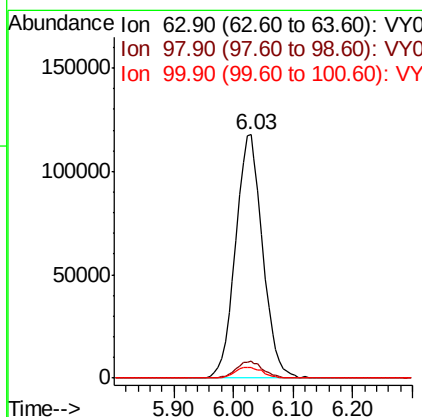
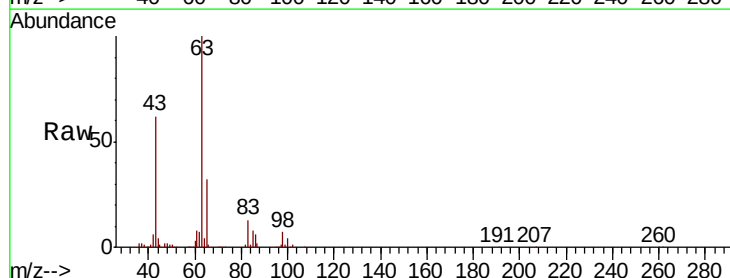
Manual Integrations
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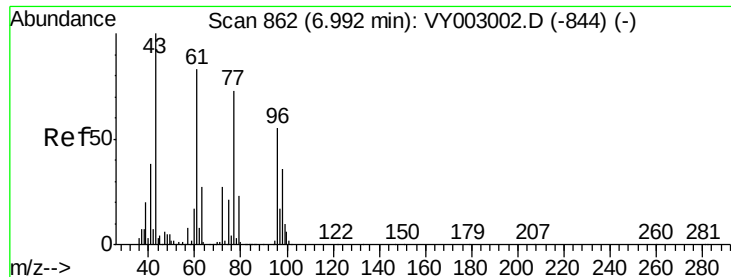
MMDadoda
 7/6/2020 10:43:18 AM



#24
 1,1-Dichloroethane
 Concen: 49.191 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion: 63 Resp: 371014
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 248.602 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 393477

Ion Ratio Lower Upper

43 100

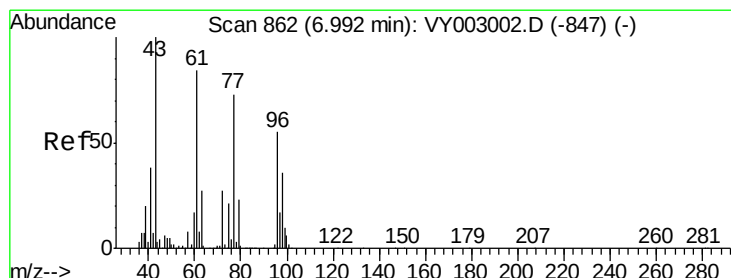
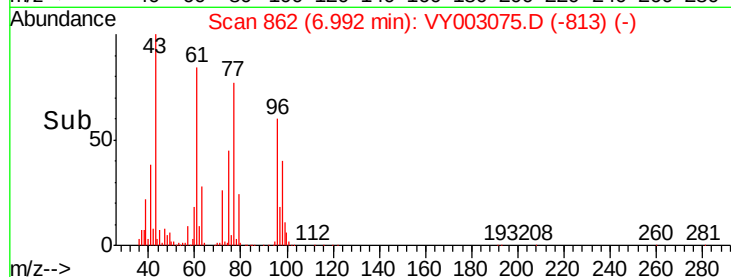
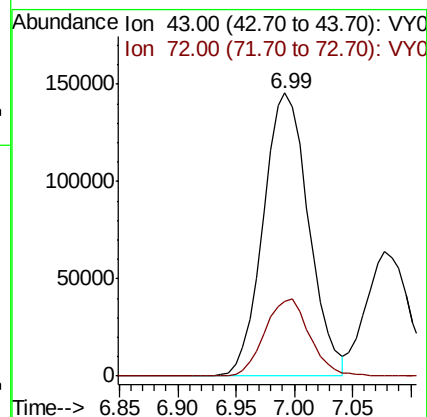
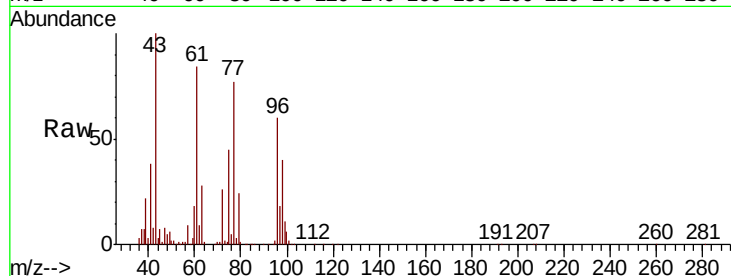
72 26.2 21.4 32.0

Manual Integrations

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MMDadoda

7/6/2020 10:43:18 AM



#26

2,2-Dichloropropane

Concen: 50.136 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003075.D

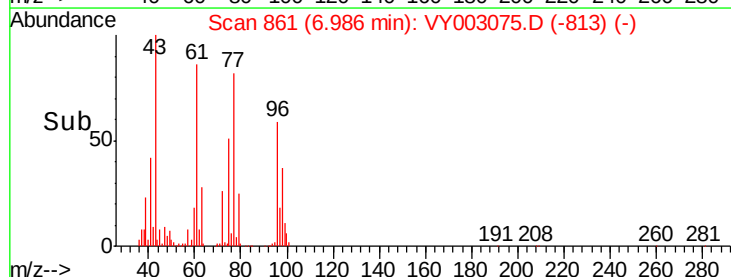
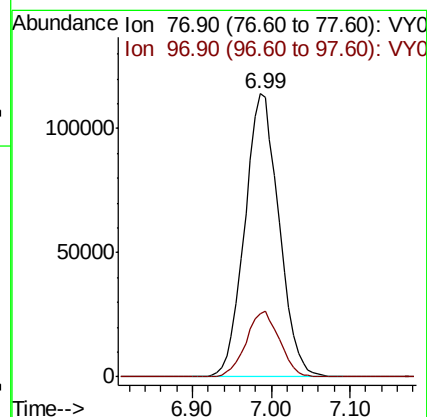
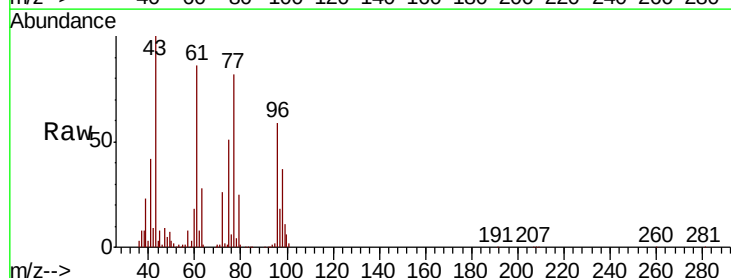
Acq: 02 Jul 2020 10:35

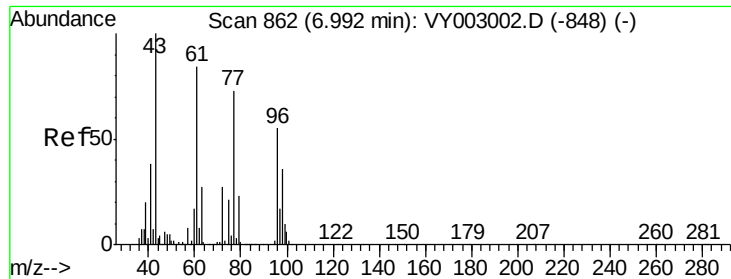
Tgt Ion: 77 Resp: 343564

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

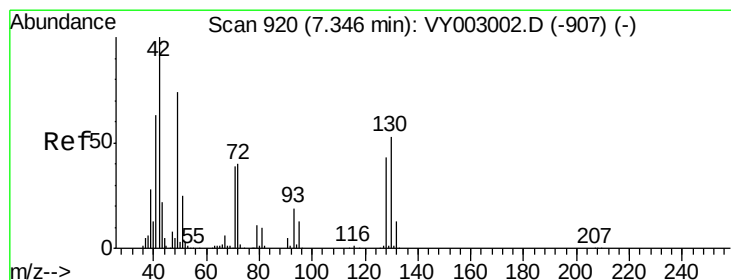
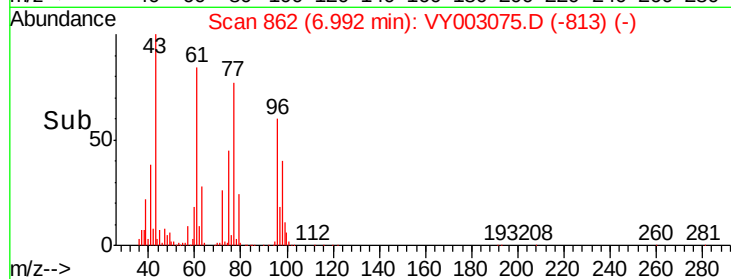
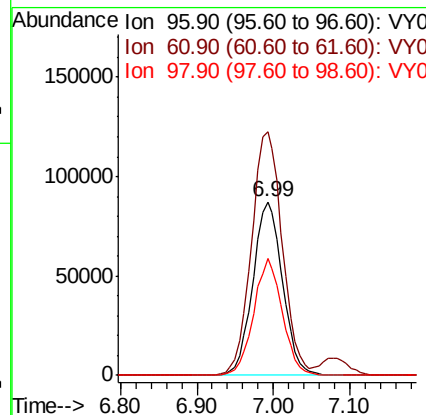
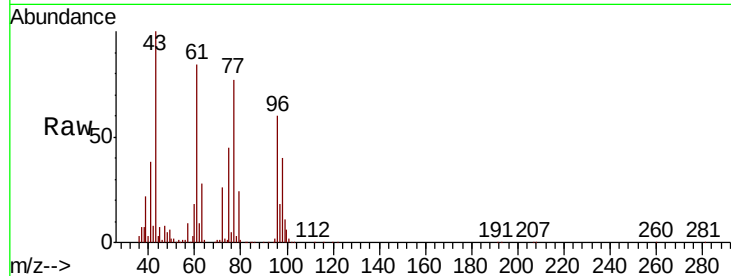
cis-1,2-Dichloroethene
 Concen: 50.413 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	235991		
61	145.3		0.0	301.2
98	64.9		0.0	129.0

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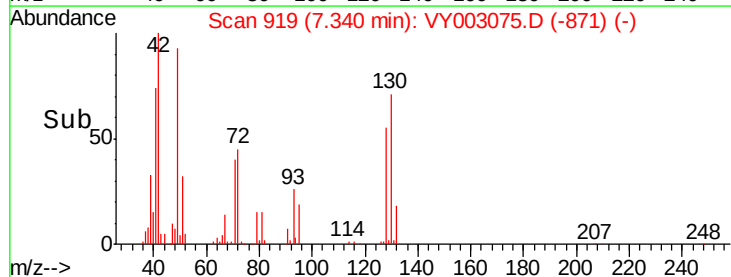
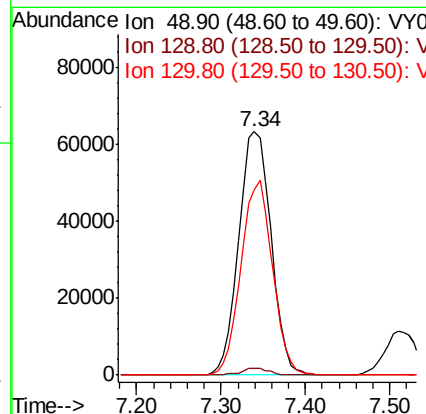
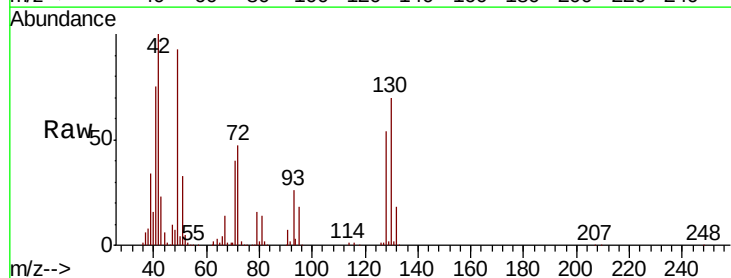
MMDadoda
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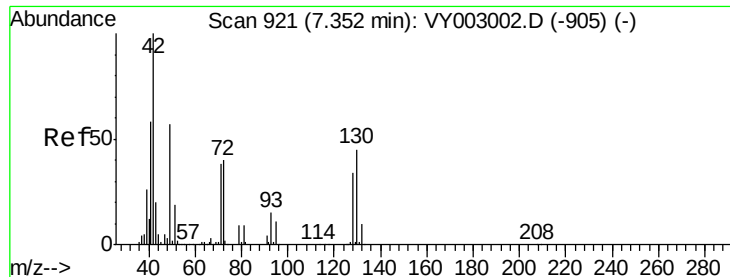


#28

Bromochloromethane
 Concen: 49.186 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	165063		
129	2.5		0.0	4.4
130	77.4		57.0	85.6





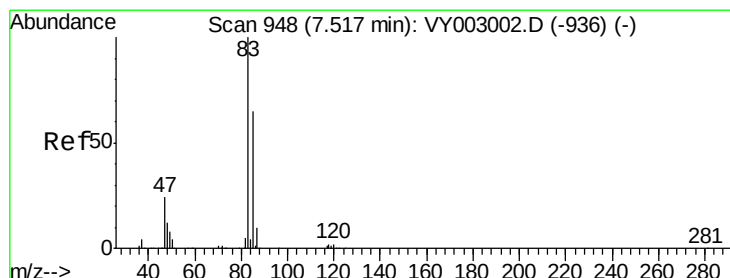
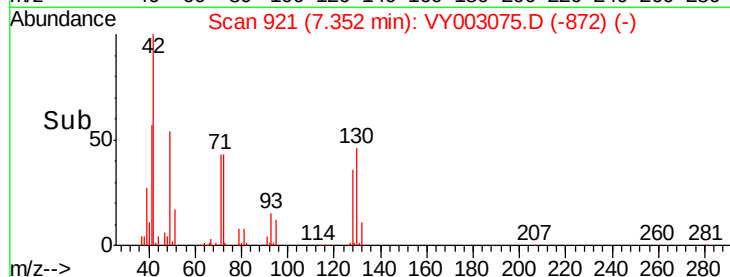
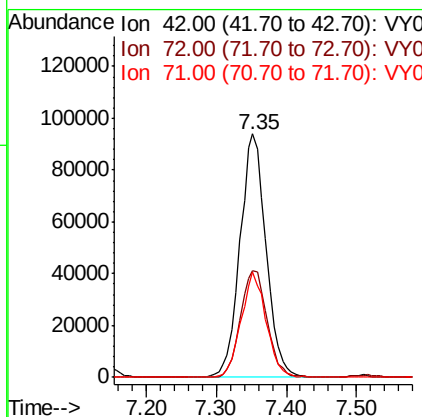
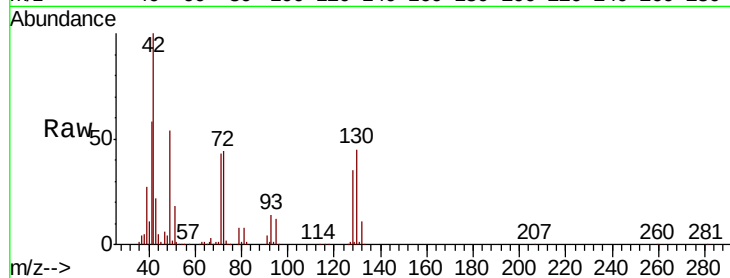
#29
Tetrahydrofuran
Concen: 231.567 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	32.9	49.3
71	41.4	31.2	46.8

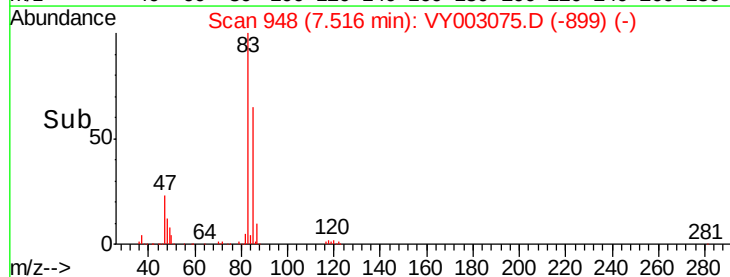
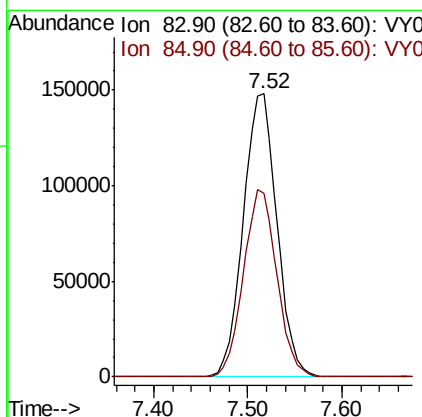
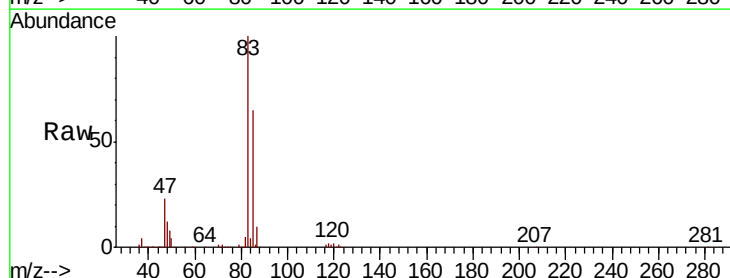
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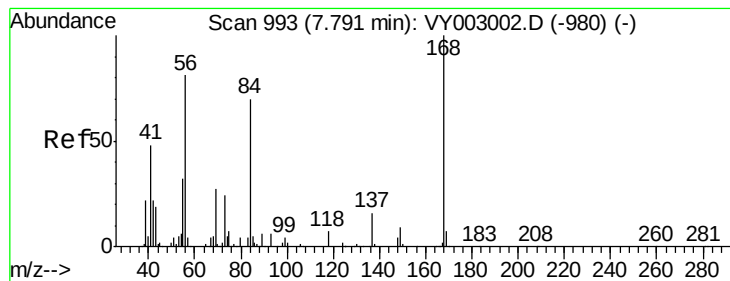
MMDadoda
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#30
Chloroform
Concen: 49.818 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5





#31

Cyclohexane

Concen: 45.741 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

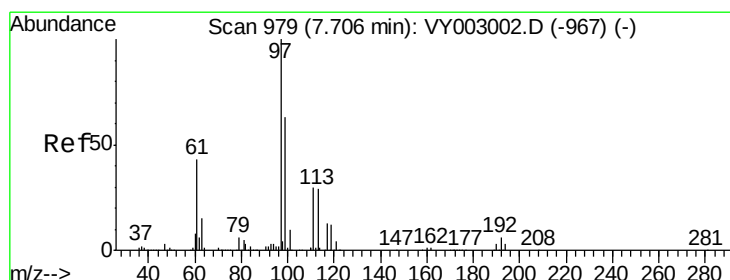
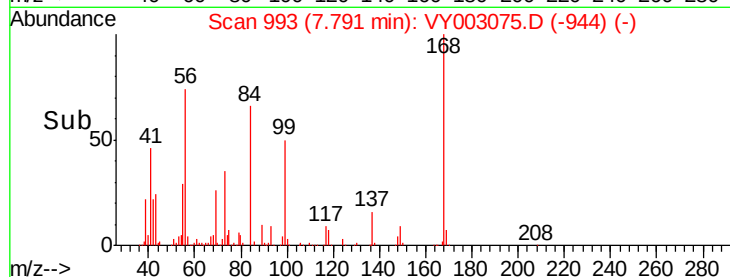
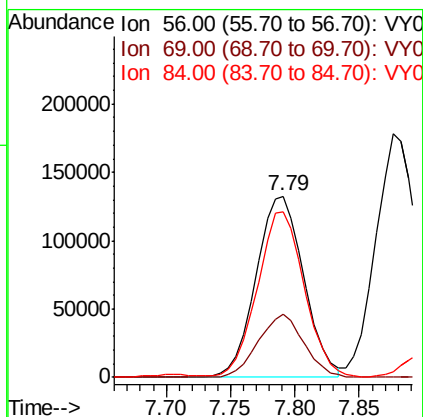
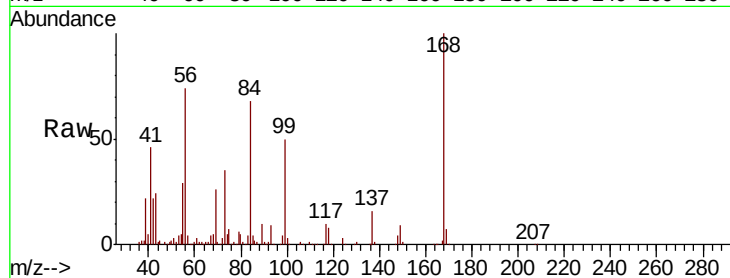
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100				
69	35.1	27.0	40.4		
84	89.8	68.1	102.1		

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.868 ug/l

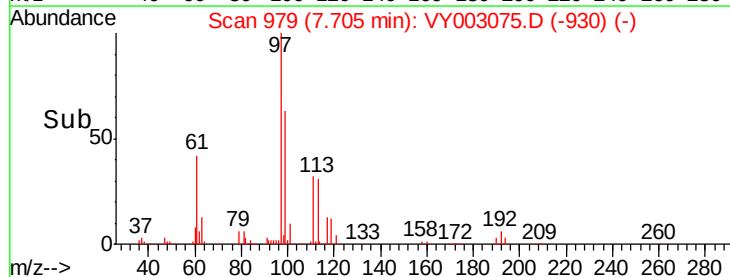
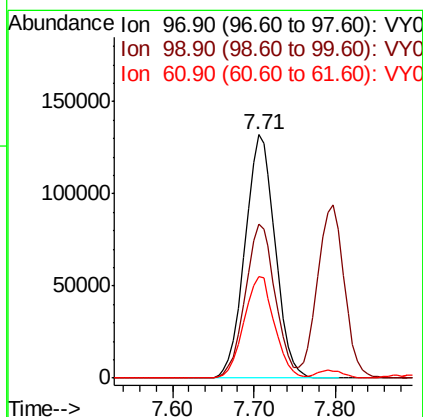
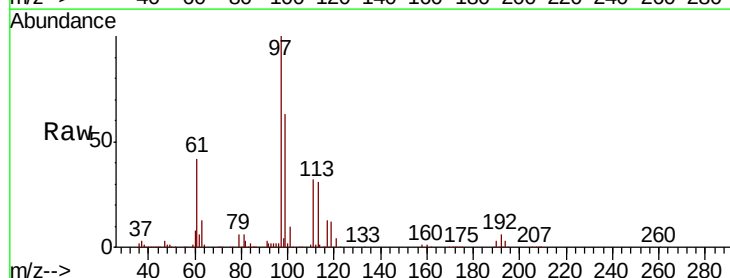
RT: 7.71 min Scan# 979

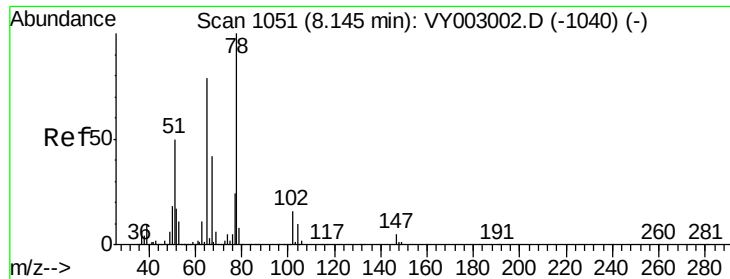
Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
99	63.2	51.4	77.2		
61	42.1	33.9	50.9		





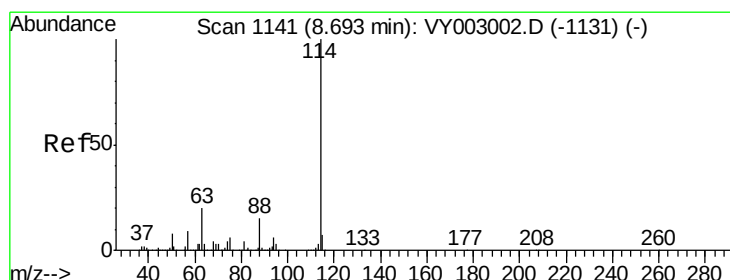
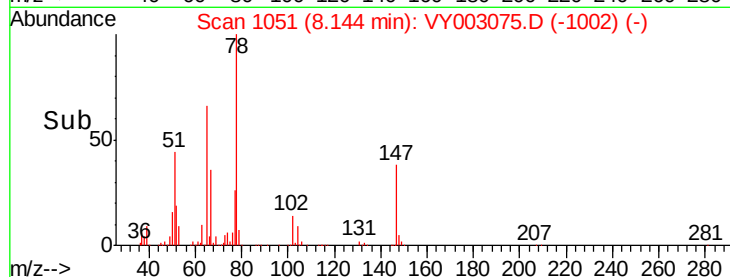
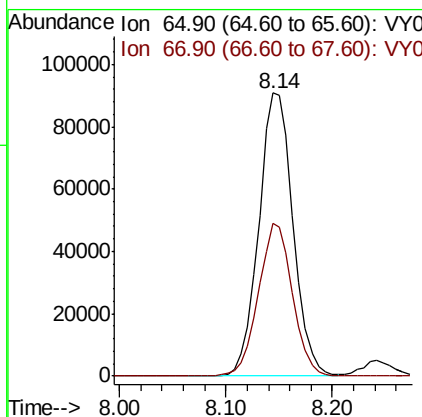
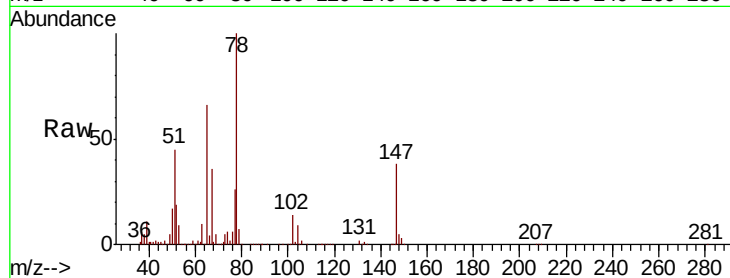
#33
 1,2-Dichloroethane-d4
 Concen: 48.286 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	203995		
67	53.7	0.0	105.6	

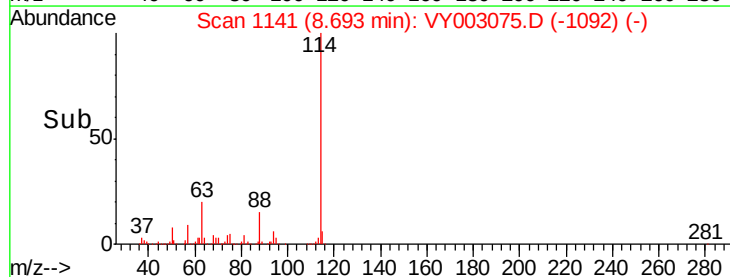
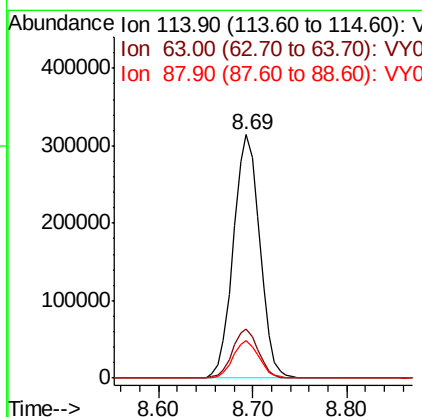
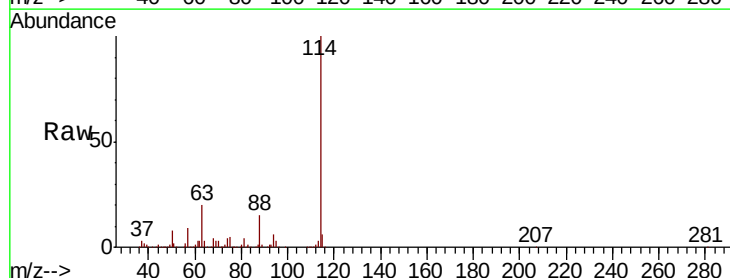
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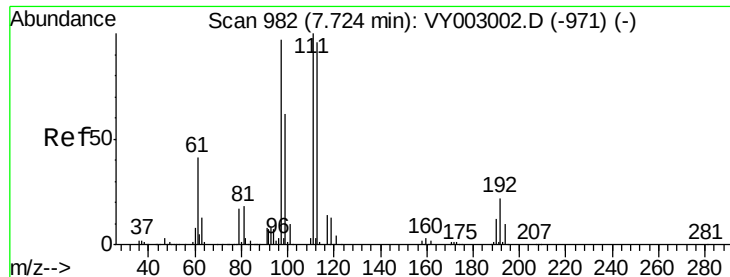
MMDadoda
 7/6/2020 10:43:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	611670		
63	20.0	0.0	40.6	
88	15.3	0.0	30.0	





#35

Dibromofluoromethane

Concen: 50.508 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

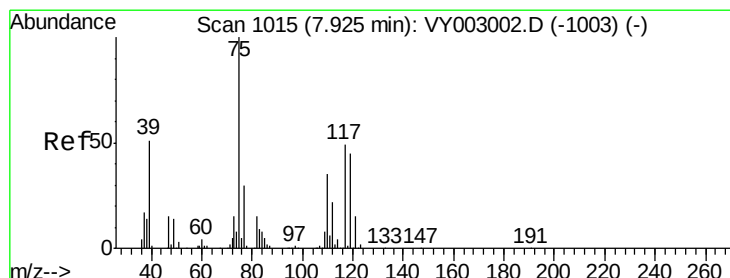
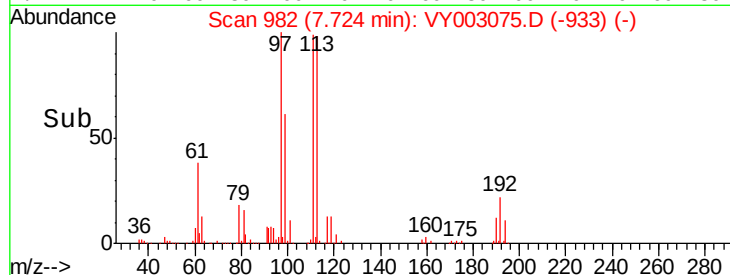
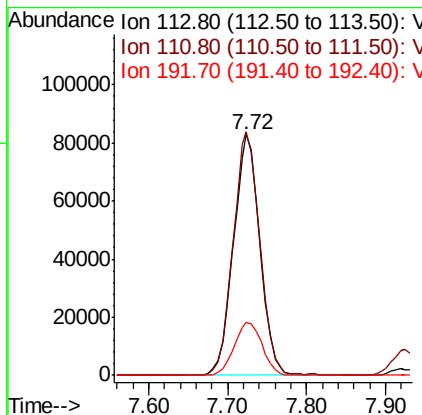
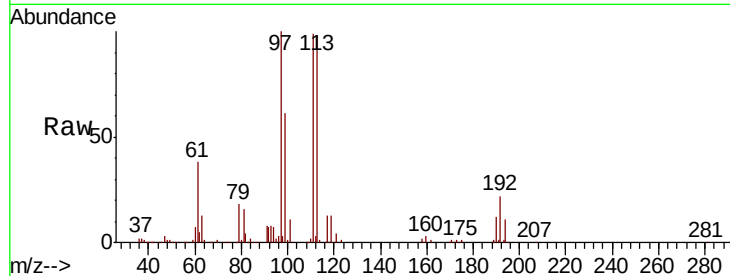
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	192723
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.6	123.8
192	23.2	18.1	27.1

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#36

1,1-Dichloropropene

Concen: 50.348 ug/l

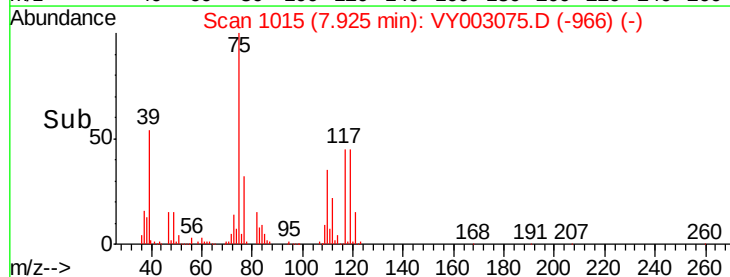
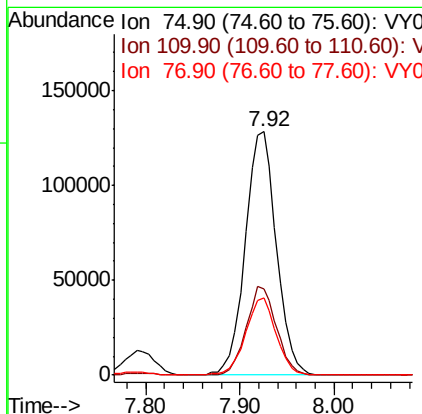
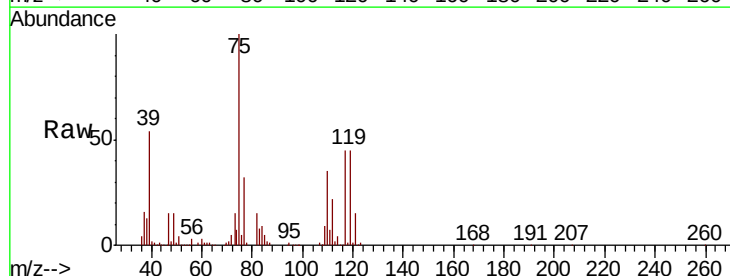
RT: 7.92 min Scan# 1015

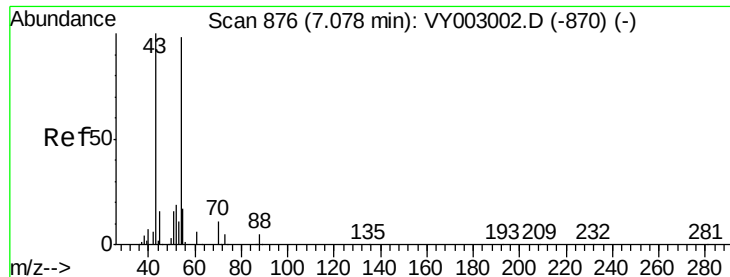
Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion:	75	Resp:	296643
Ion Ratio	Lower	Upper	
75	100		
110	35.4	17.1	51.2
77	31.3	24.9	37.3





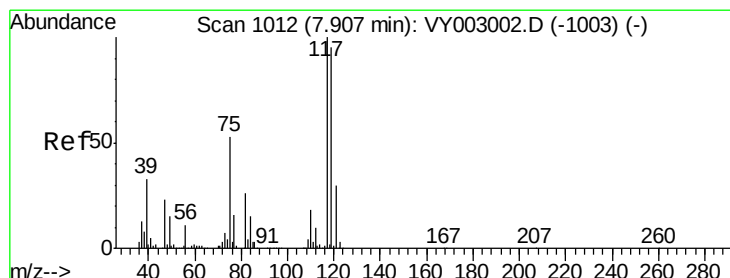
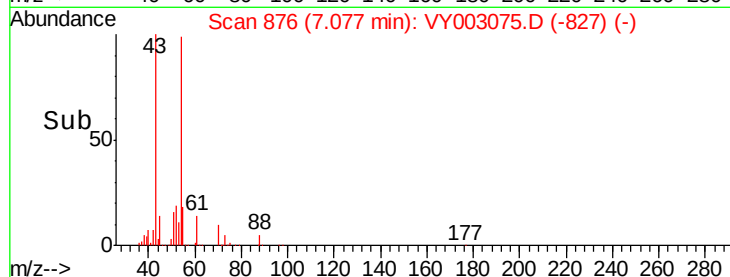
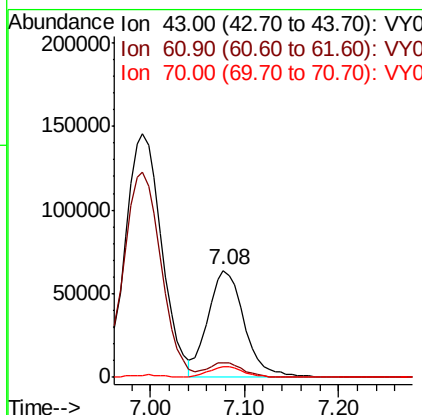
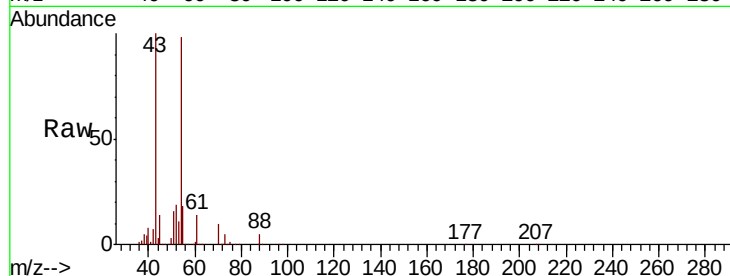
#37
Ethyl Acetate
Concen: 47.932 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	9.9	7.7	11.5

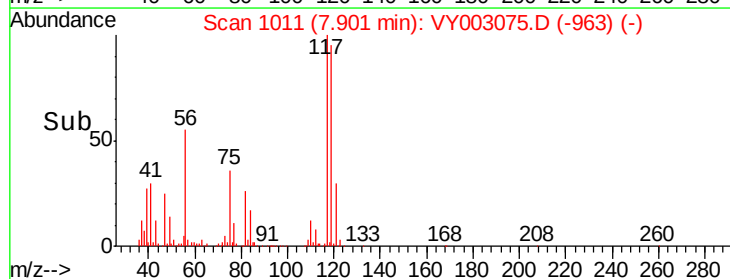
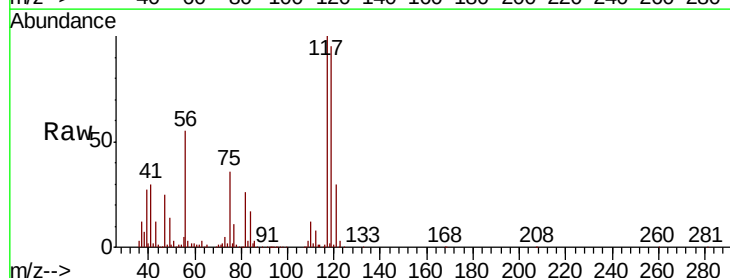
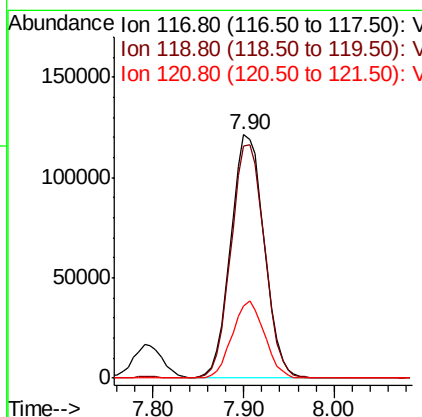
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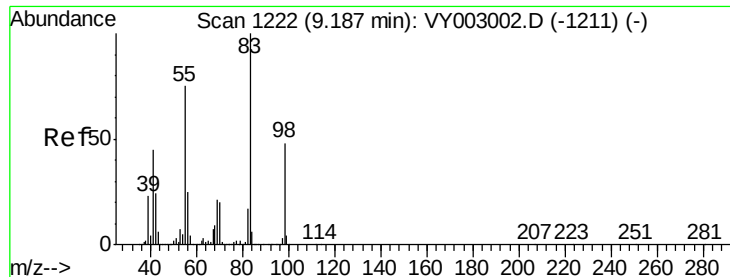
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#38
Carbon Tetrachloride
Concen: 50.709 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.7	113.5
121	29.8	23.9	35.9





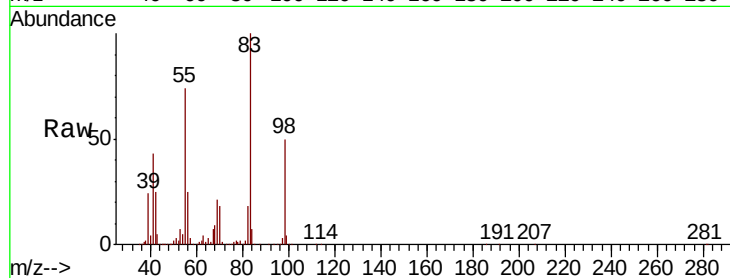
#39
Methylvlcyclohexane
Concen: 50.044 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	59.9	89.9
98	49.8	38.7	58.1

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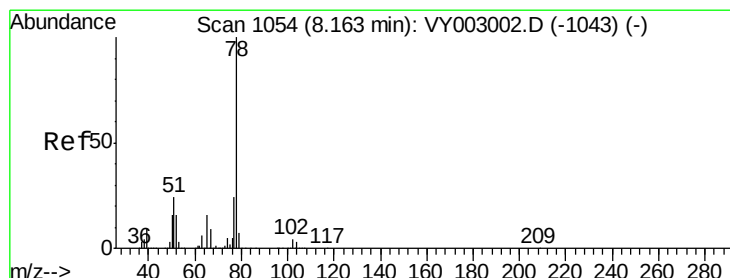
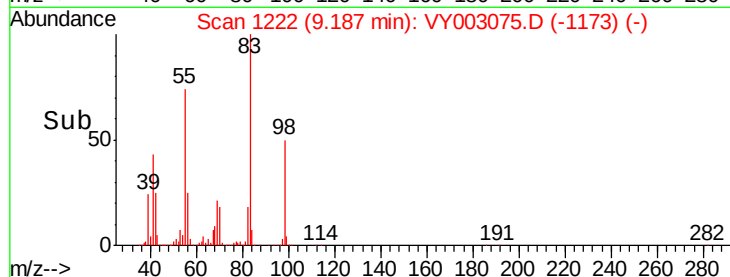
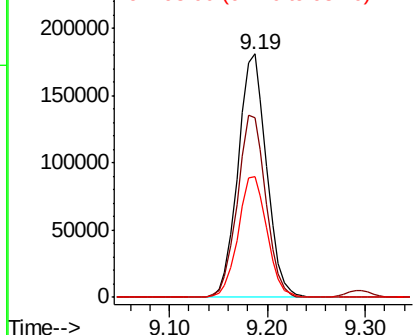


Abundance

Ion 83.00 (82.70 to 83.70): VY0

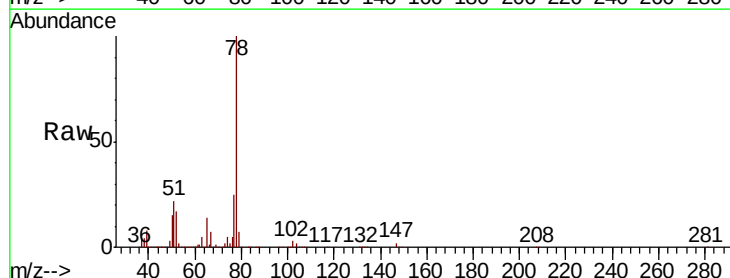
Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40
Benzene
Concen: 51.001 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

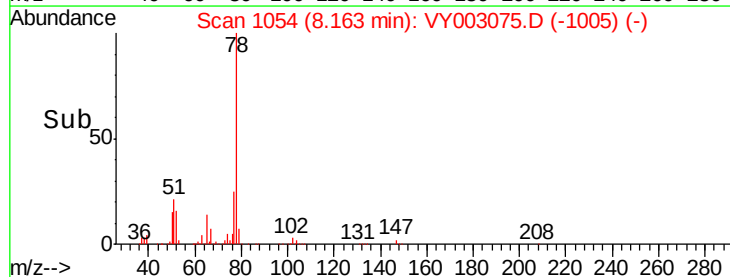
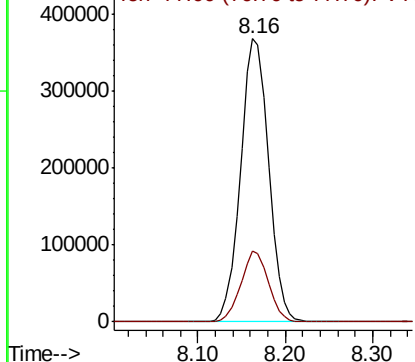
Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.2	28.8

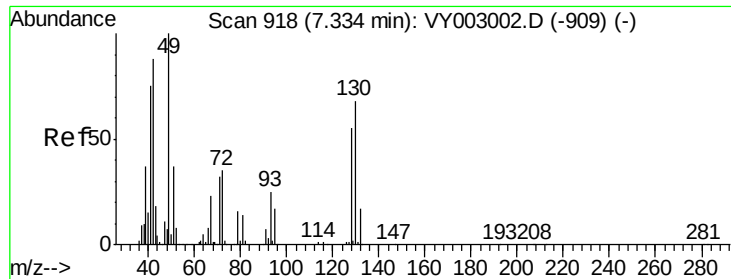


Abundance

Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





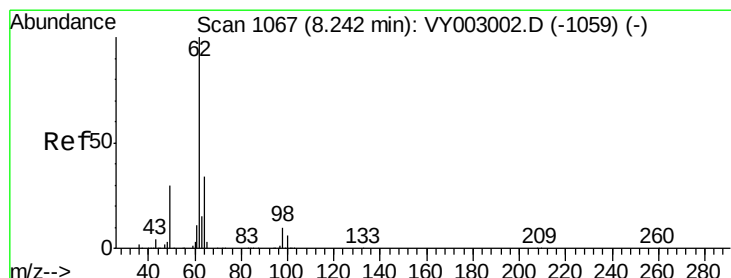
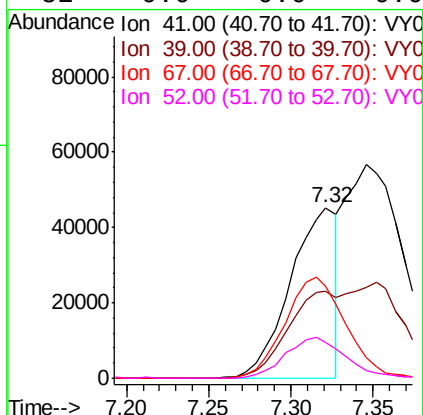
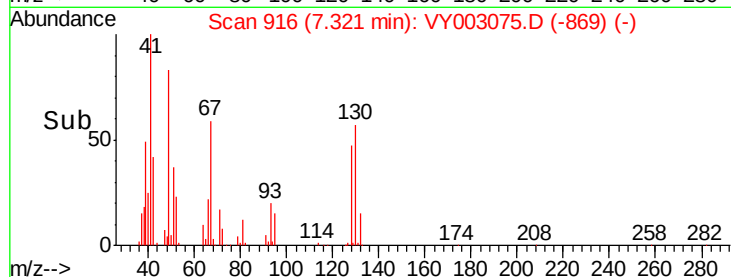
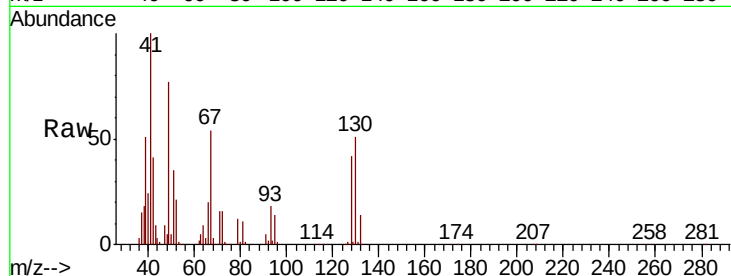
#41
Methacrylonitrile
Concen: 48.083 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Ratio	Lower	Upper
41	100			
39	0.0	85.7	128.5#	
67	0.0	0.0	0.0	
52	0.0	0.0	0.0	

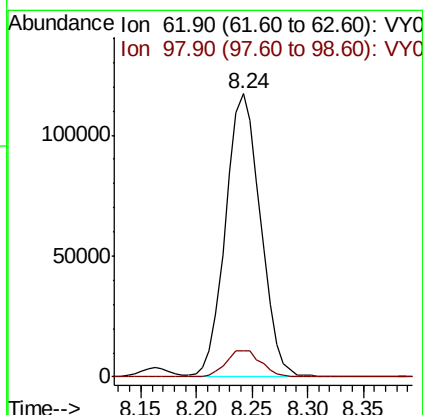
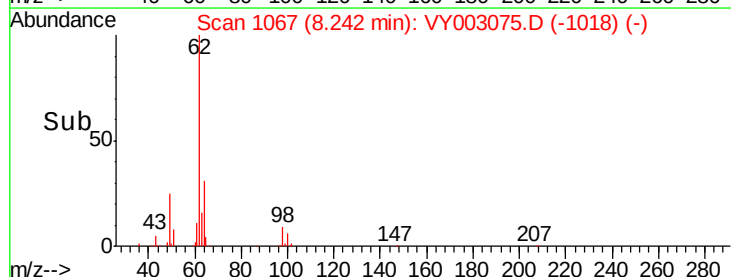
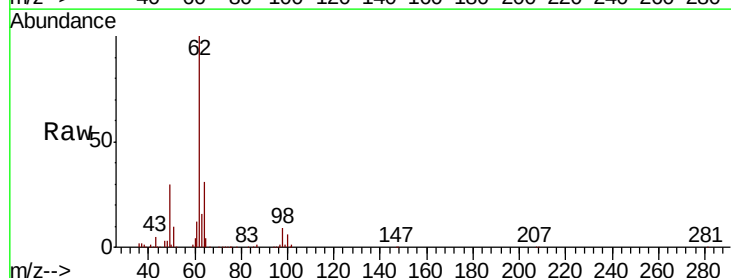
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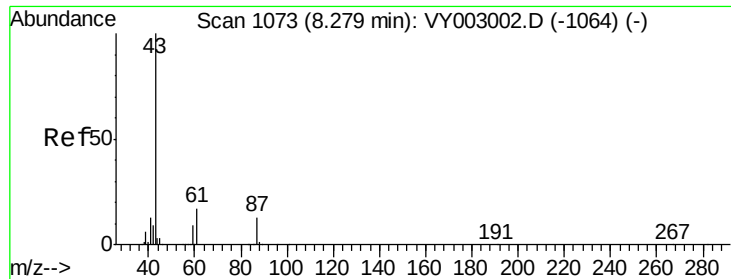
MMDadoda
7/6/2020 10:43:18 AM



#42
1,2-Dichloroethane
Concen: 49.913 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	62	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.2	





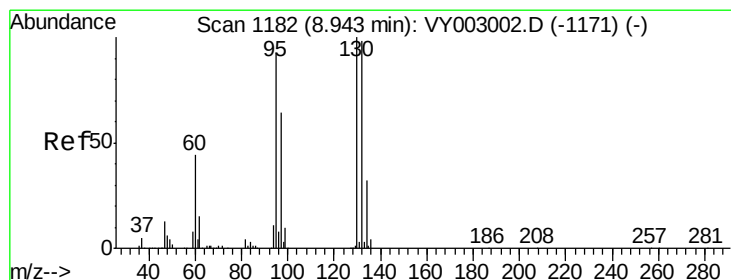
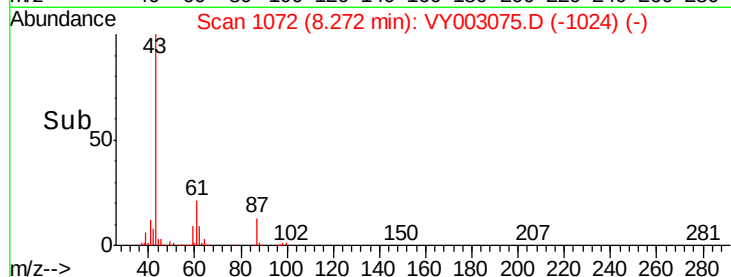
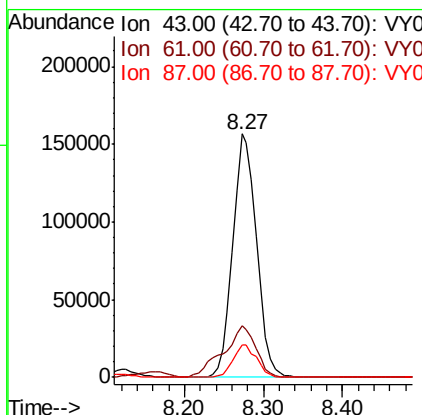
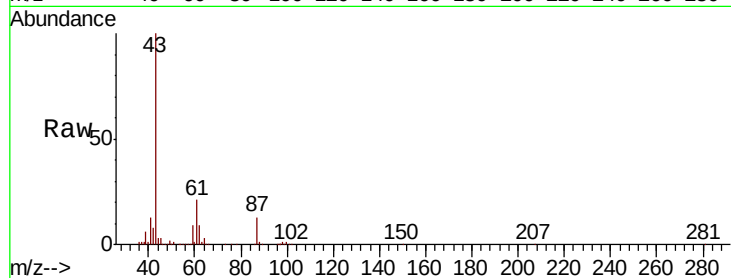
#43
Isopropyl Acetate
Concen: 48.851 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.8	21.8	32.6
87	13.3	10.1	15.1

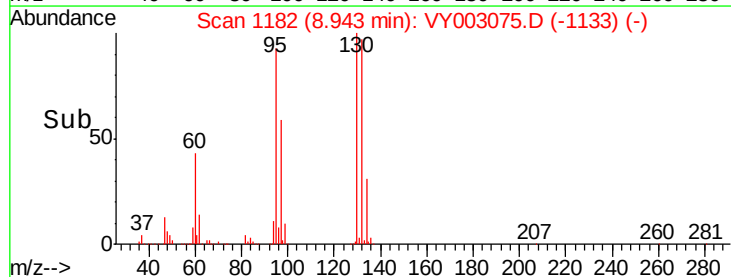
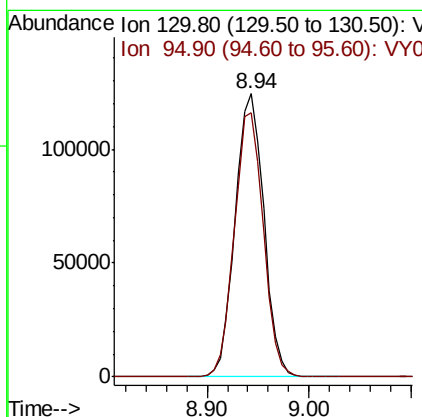
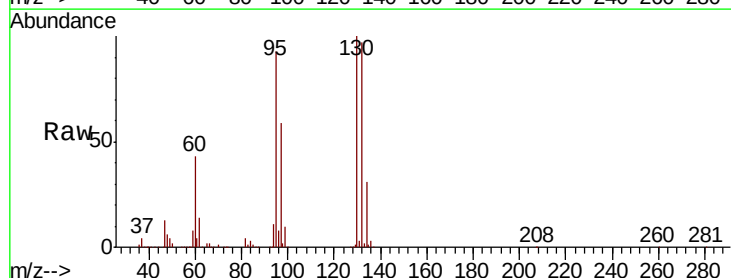
Manual Integrations
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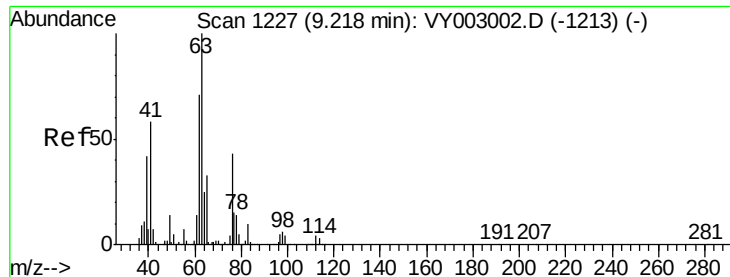
MMDadoda
7/6/2020 10:43:18 AM



#44
Trichloroethene
Concen: 51.722 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	186.4





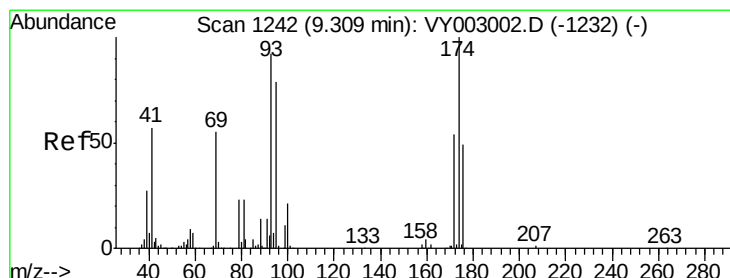
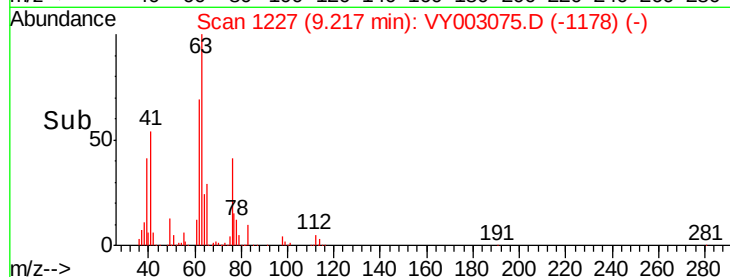
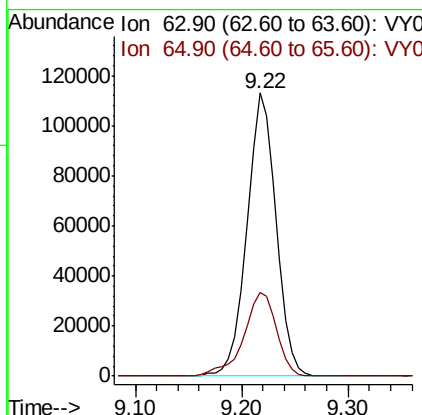
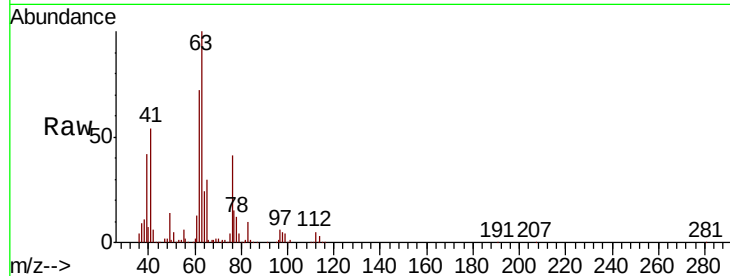
#45
 1,2-Dichloropropane
 Concen: 50.125 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	26.2	39.4

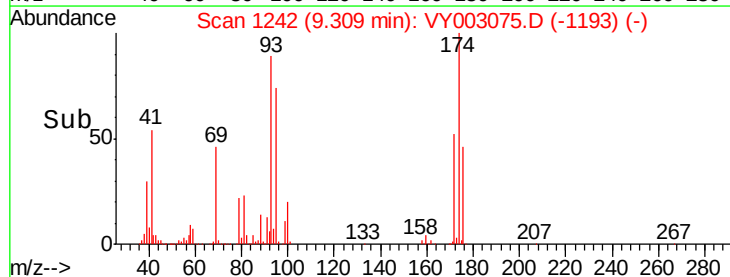
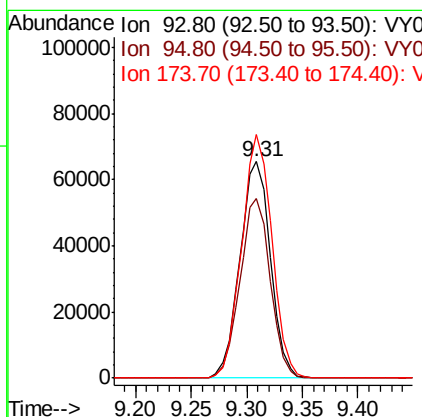
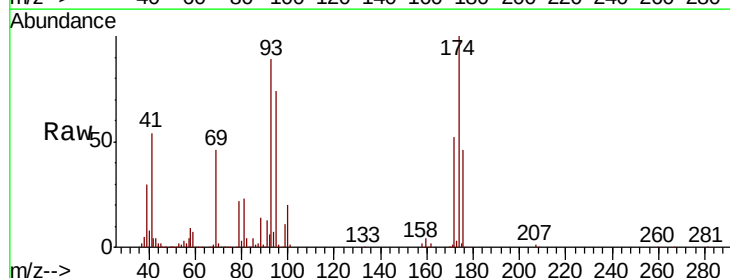
Manual Integrations
 APPROVED

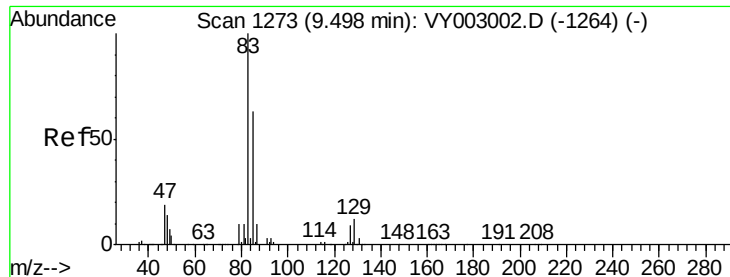
MMDadoda
 7/6/2020 10:43:18 AM



#46
 Dibromomethane
 Concen: 51.448 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.6	101.4
174	111.7	88.3	132.5





#47

Bromodichloromethane

Concen: 51.051 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

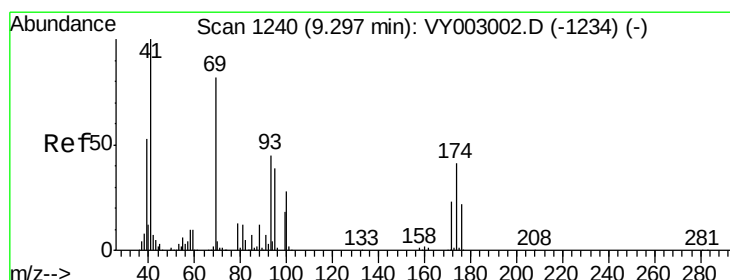
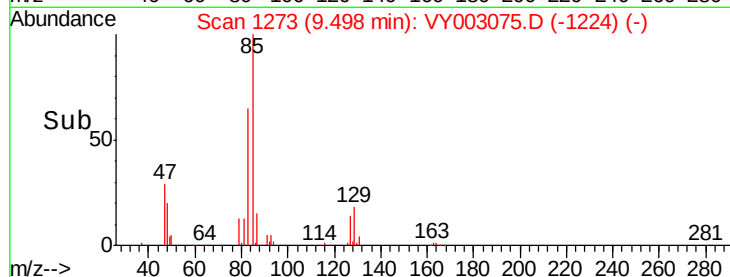
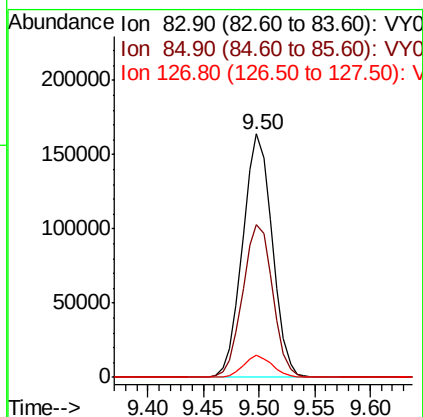
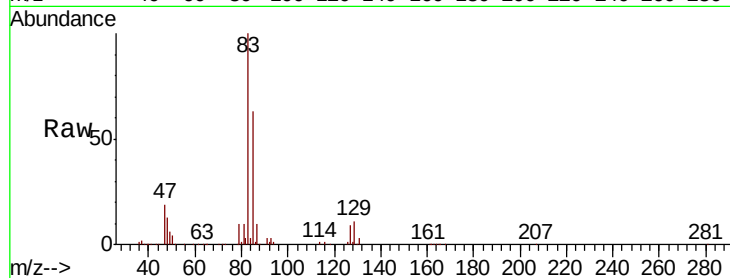
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	302979
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.5	75.7
127	8.9	7.0	10.4

Manual Integrations
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MMDadoda
7/6/2020 10:43:18 AM



#48

Methyl methacrylate

Concen: 48.075 ug/l

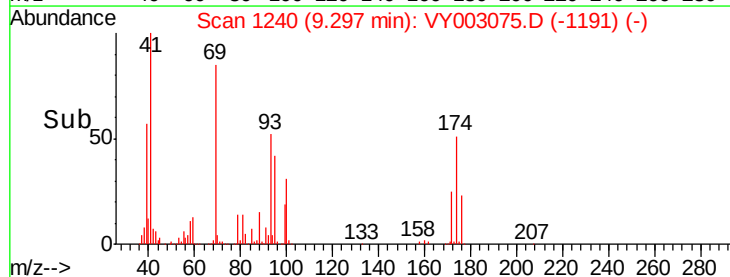
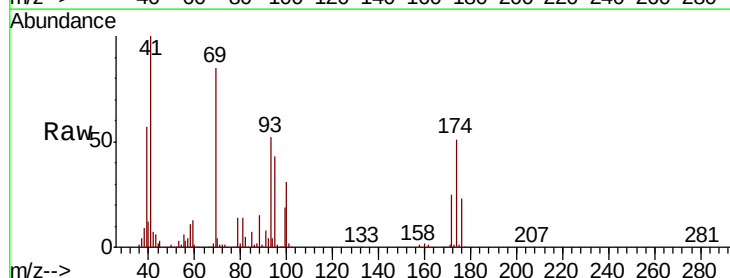
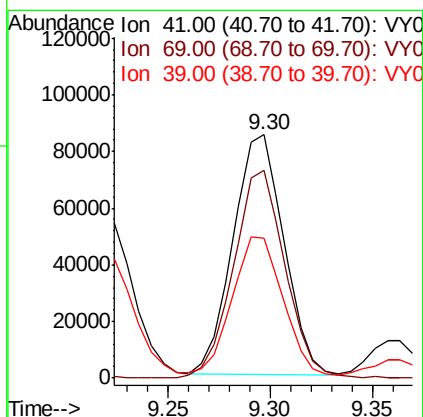
RT: 9.30 min Scan# 1240

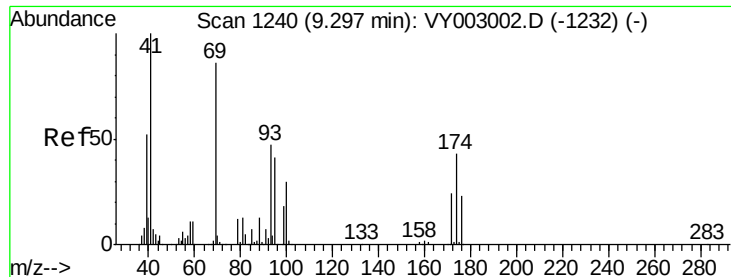
Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion:	41	Resp:	147366
Ion	Ratio	Lower	Upper
41	100		
69	87.2	67.7	101.5
39	57.2	45.0	67.4





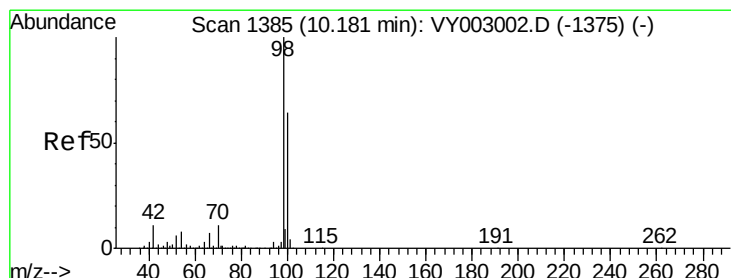
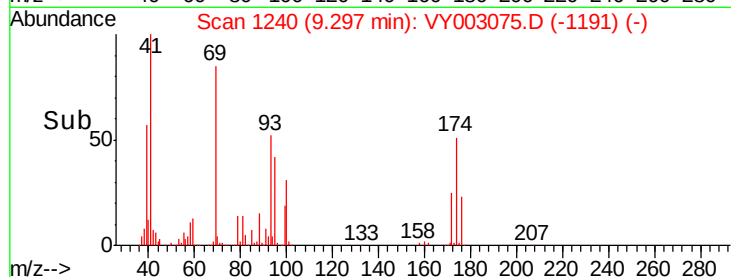
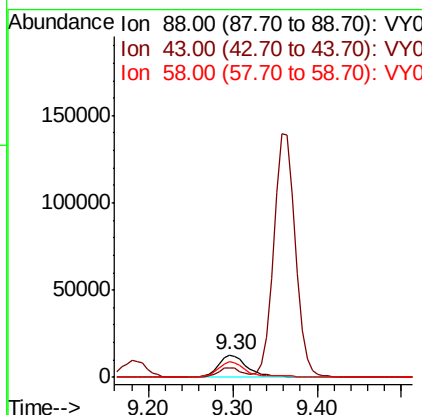
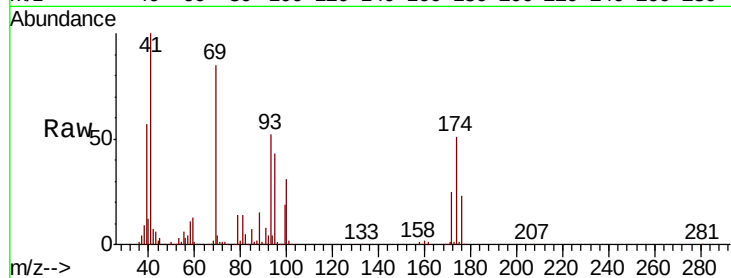
#49
1,4-Dioxane
Concen: 1070.779 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	28.6	42.8
58	63.7	56.7	85.1

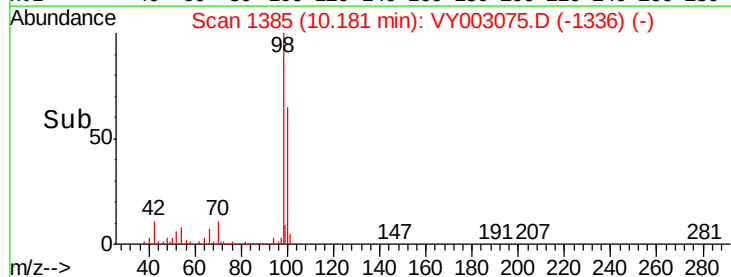
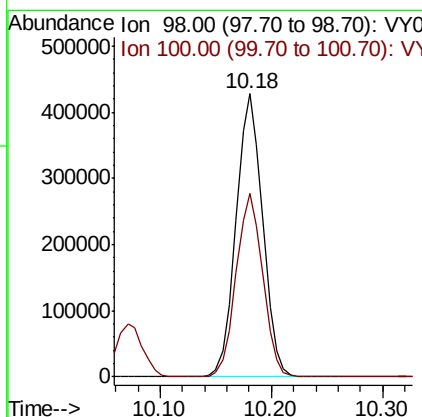
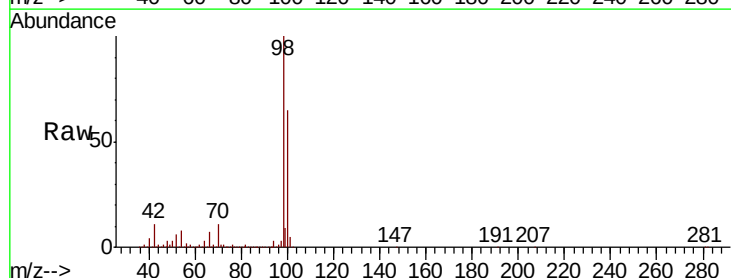
Manual Integrations
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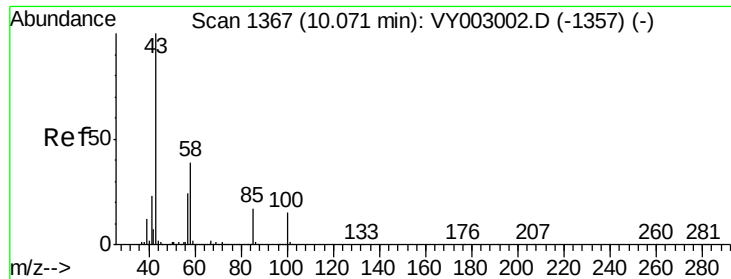
MMDadoda
7/6/2020 10:43:18 AM



#50
Toluene-d8
Concen: 49.757 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.1	76.7





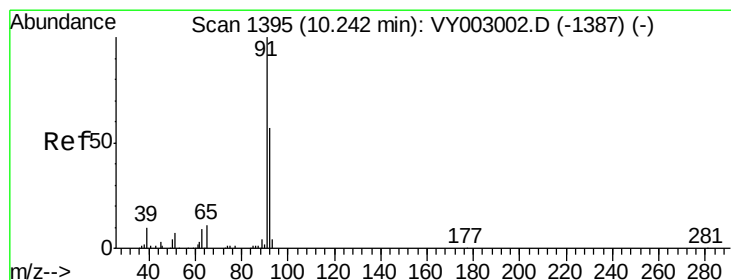
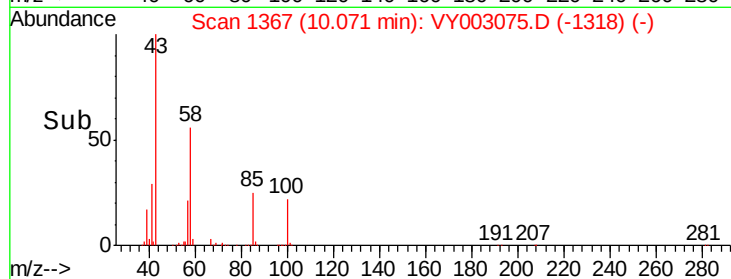
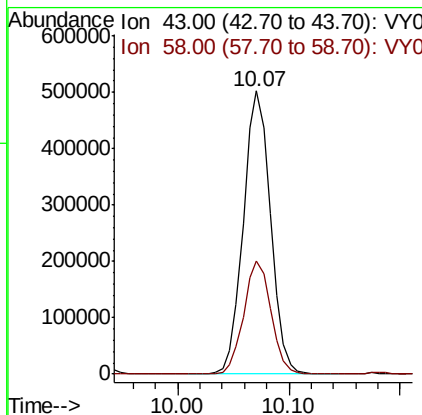
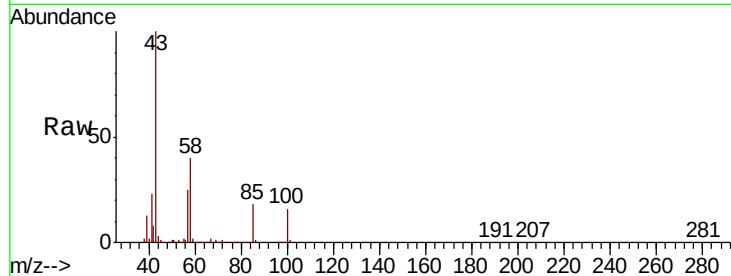
#51
4-Methyl-2-Pentanone
Concen: 244.942 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.1	46.7

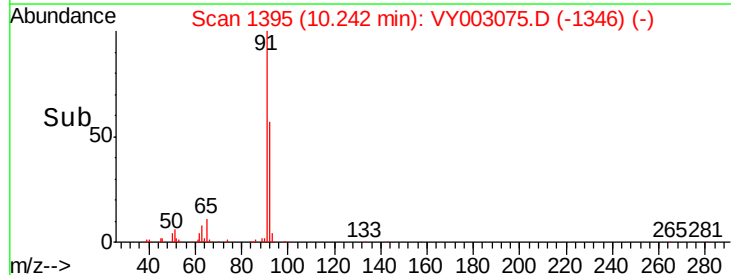
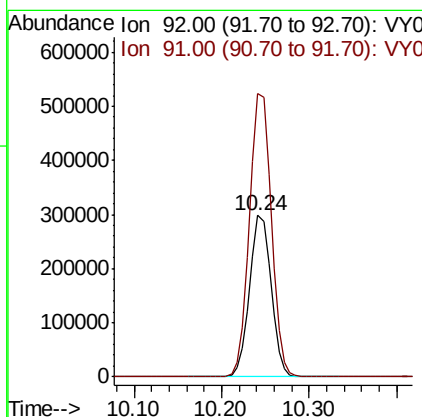
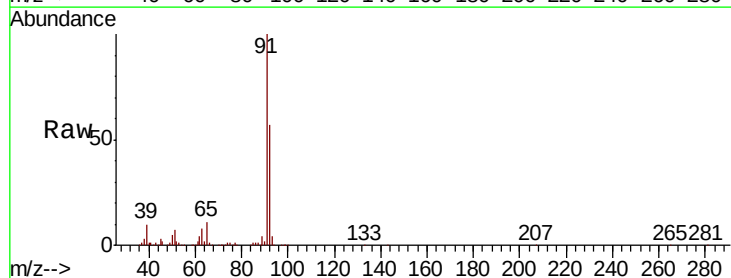
Manual Integrations
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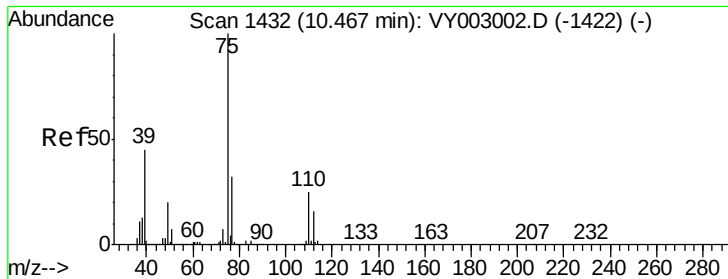
MMDadoda
7/6/2020 10:43:18 AM



#52
Toluene
Concen: 50.355 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
92	100		
91	177.8	139.6	209.4





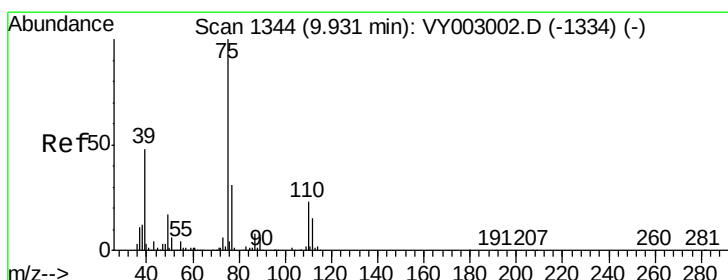
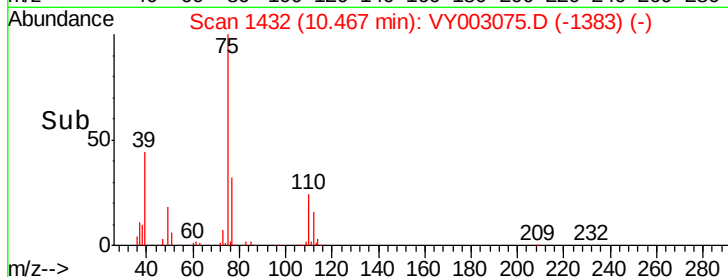
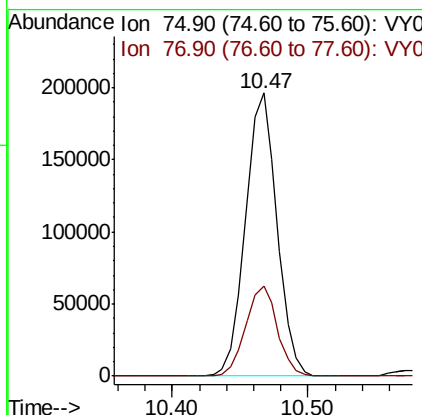
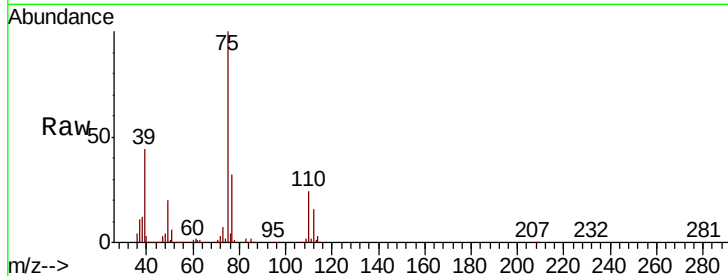
#53
t-1,3-Dichloropropene
Concen: 51.013 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.9	38.9

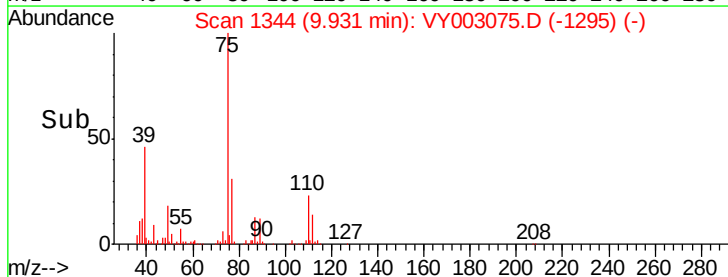
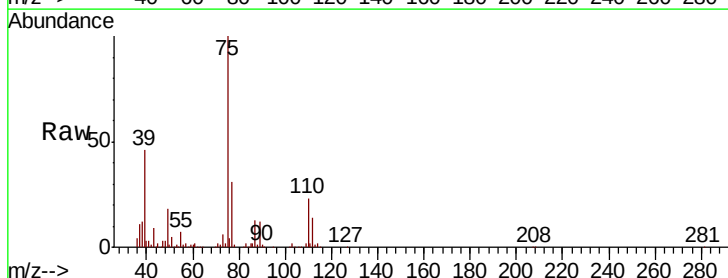
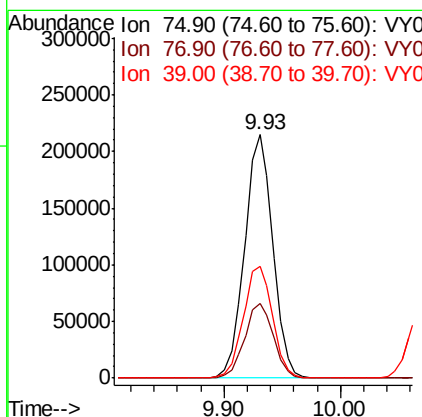
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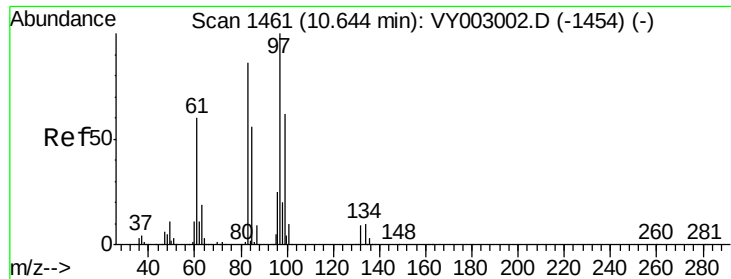
MMDadoda
7/6/2020 10:43:18 AM



#54
cis-1,3-Dichloropropene
Concen: 50.922 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	37.0
39	46.0	38.3	57.5





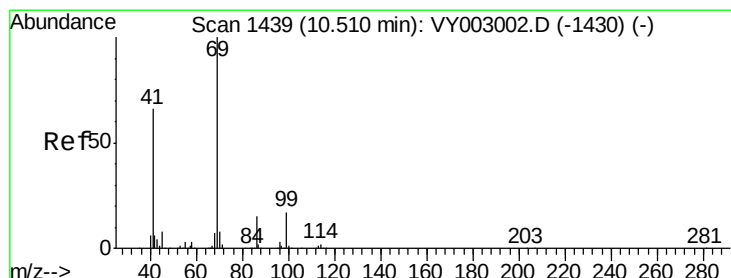
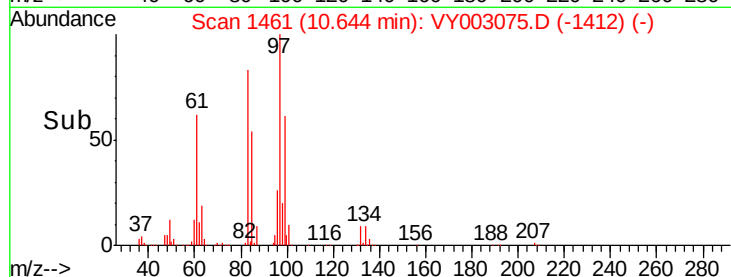
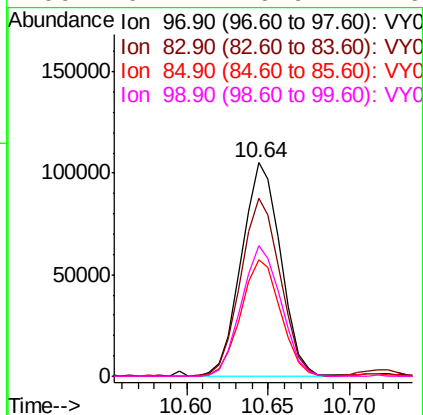
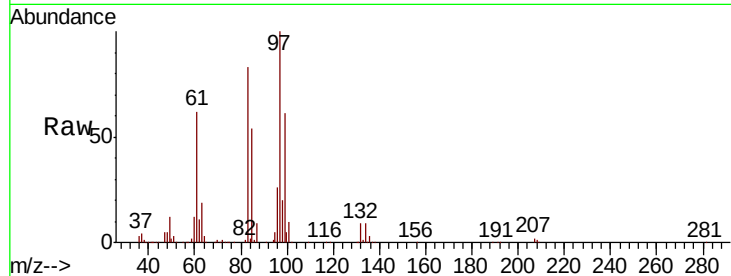
#55
 1,1,2-Trichloroethane
 Concen: 52.004 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	175151
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.0	103.6
85	54.4	44.8	67.2
99	61.2	49.9	74.9

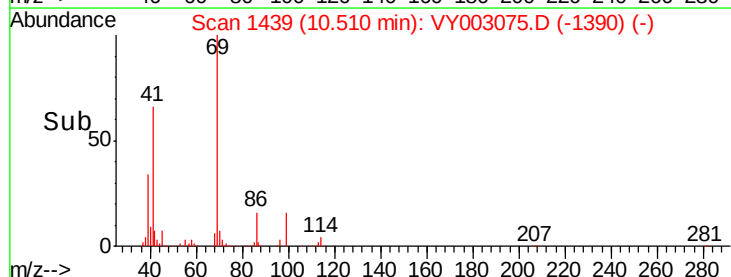
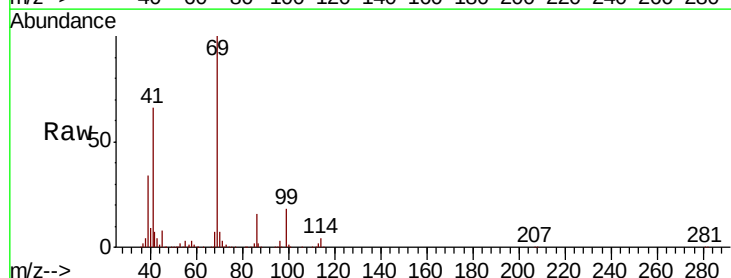
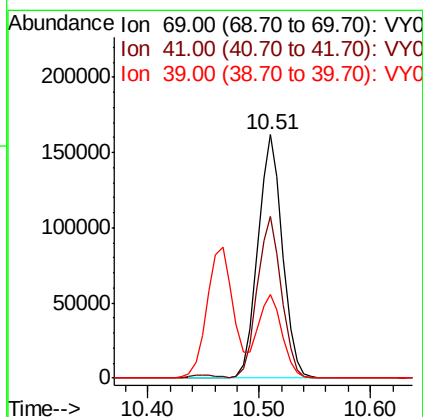
Manual Integrations
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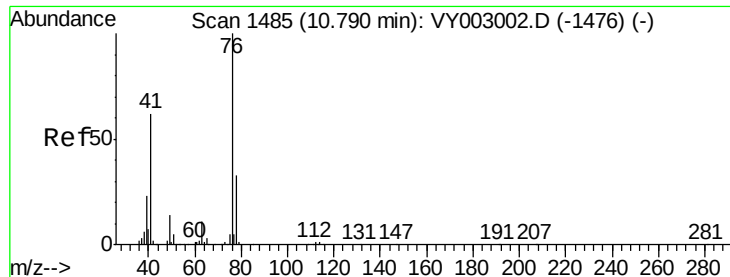
MMDadoda
 7/6/2020 10:43:18 AM



#56
 Ethyl methacrylate
 Concen: 51.019 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion:	69	Resp:	248740
Ion	Ratio	Lower	Upper
69	100		
41	65.3	53.7	80.5
39	32.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.505 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 298621

Ion Ratio Lower Upper

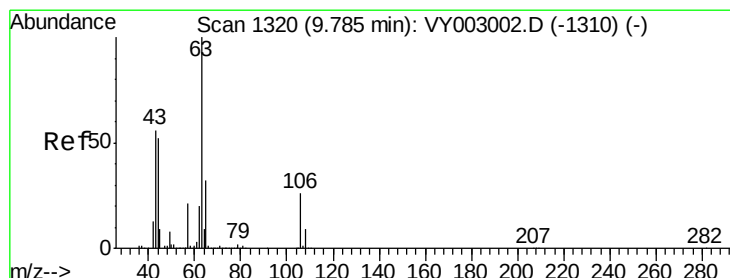
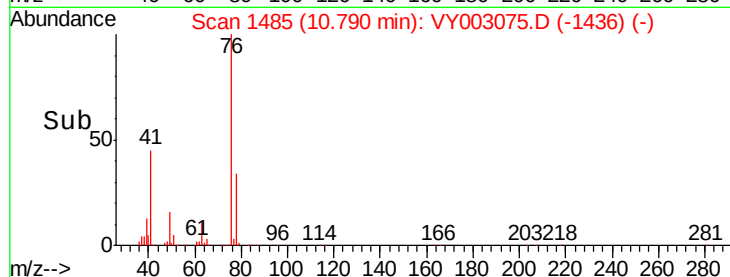
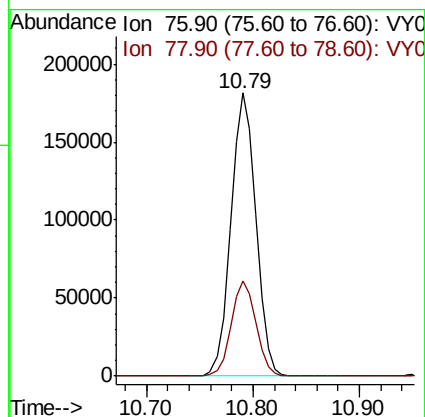
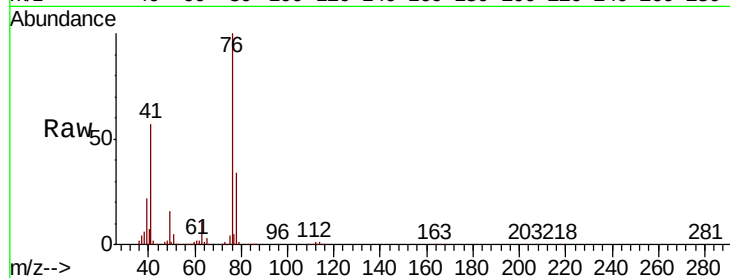
76 100

78 33.2 26.0 39.0

Manual Integrations
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MMDadoda

7/6/2020 10:43:18 AM



#58

2-Chloroethyl Vinyl ether

Concen: 264.470 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003075.D

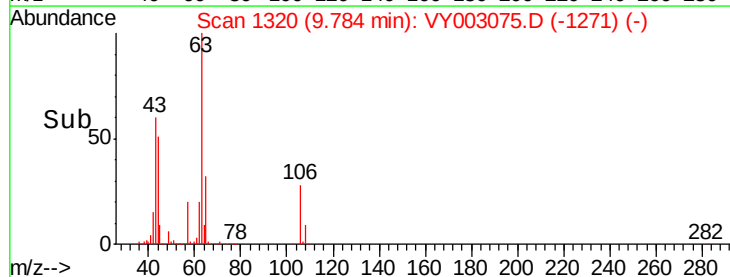
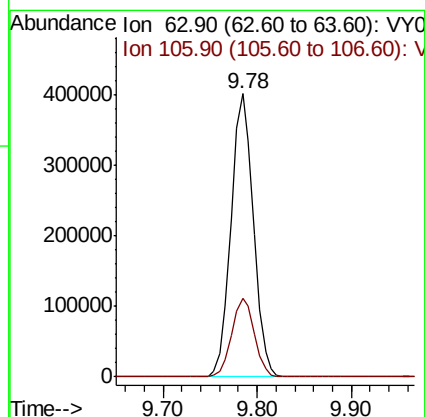
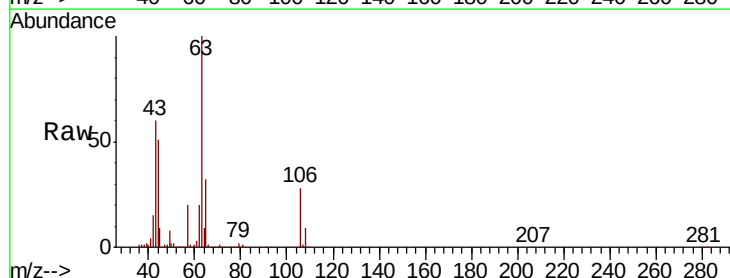
Acq: 02 Jul 2020 10:35

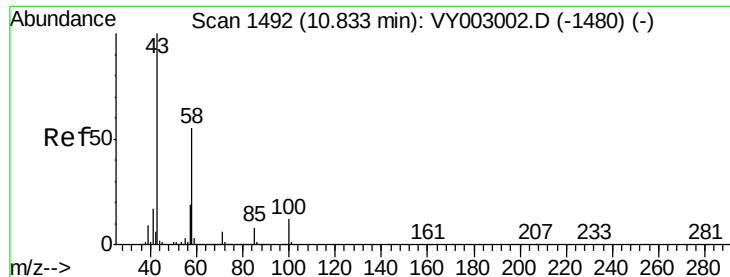
Tgt Ion: 63 Resp: 661298

Ion Ratio Lower Upper

63 100

106 27.9 21.5 32.3





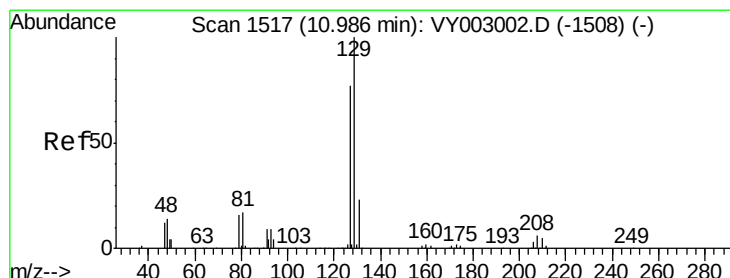
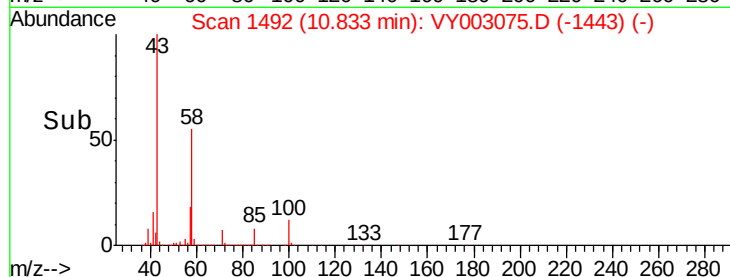
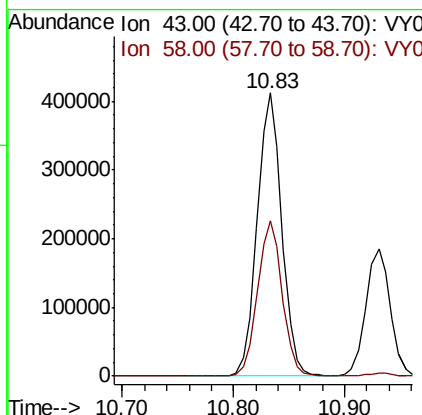
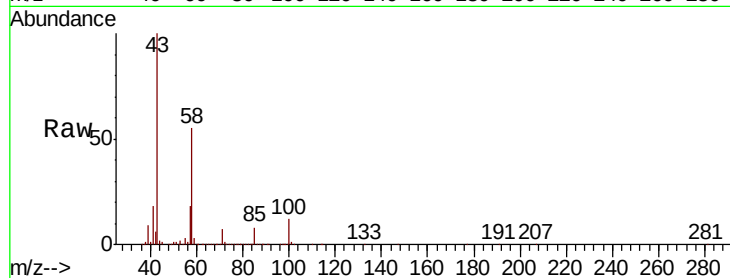
#59
2-Hexanone
Concen: 260.724 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 634323
Ion Ratio Lower Upper
43 100
58 55.0 27.5 82.4

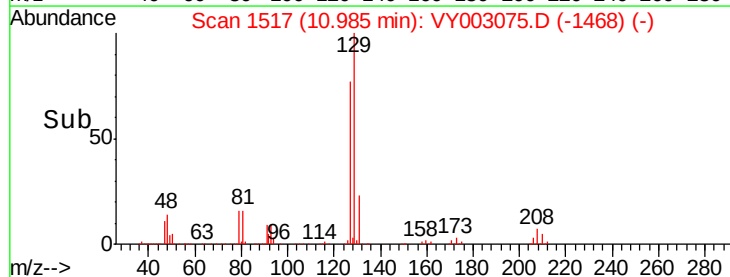
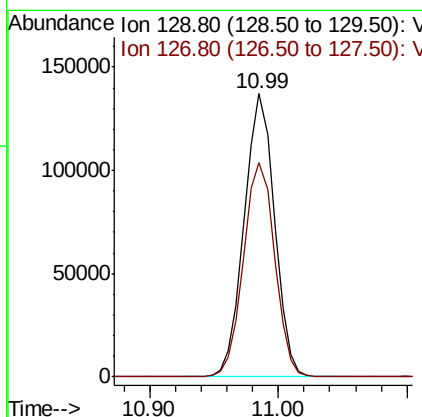
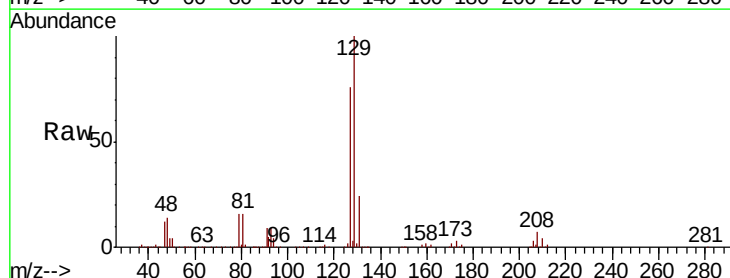
Manual Integrations
APPROVED

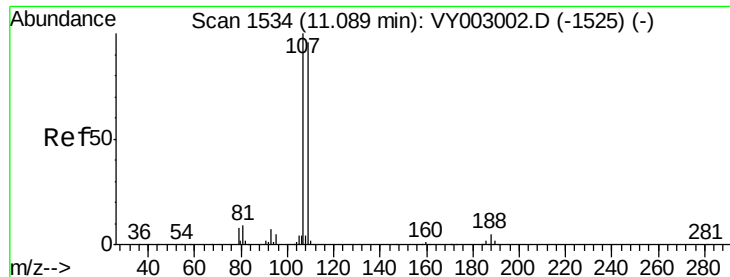
MMDadoda
7/6/2020 10:43:18 AM



#60
Dibromochloromethane
Concen: 51.741 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 129 Resp: 223013
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





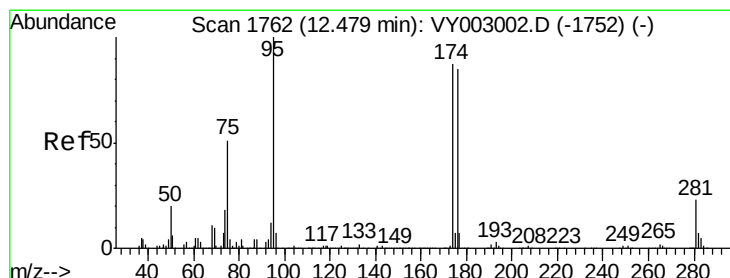
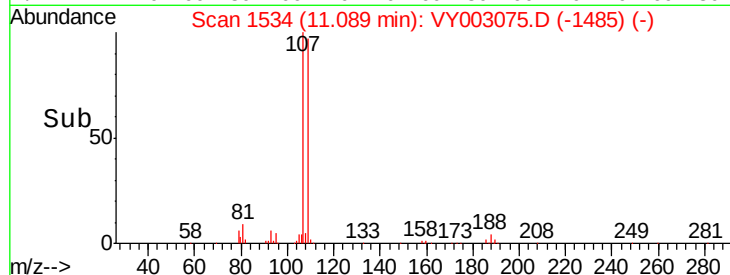
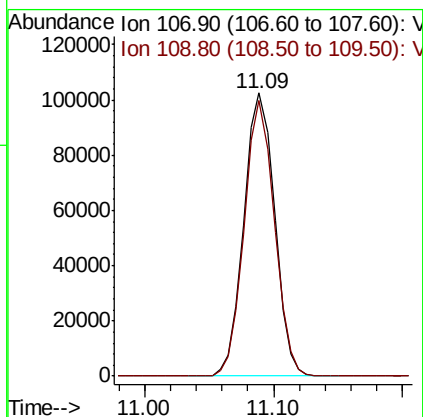
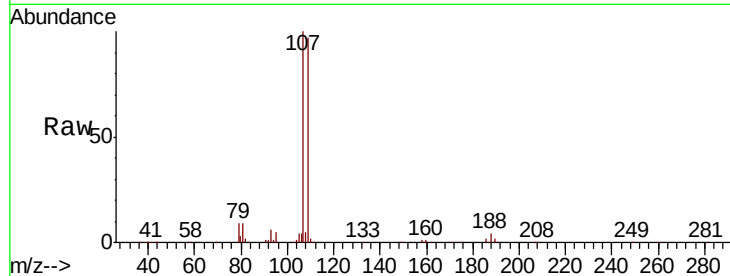
#61
 1,2-Dibromoethane
 Concen: 50.941 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.8	113.8

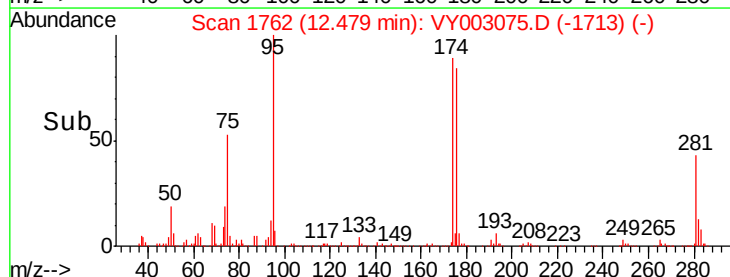
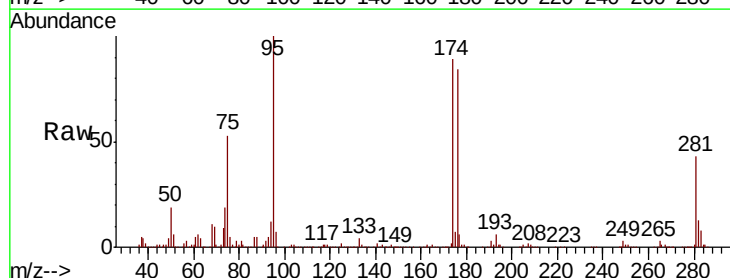
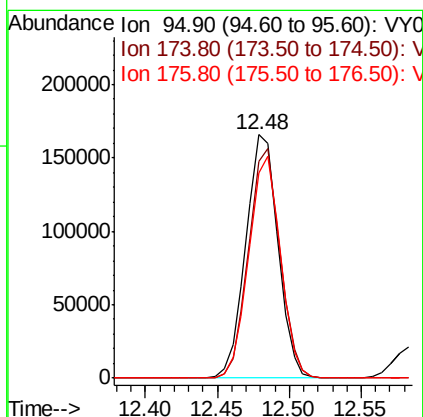
Manual Integrations
 APPROVED

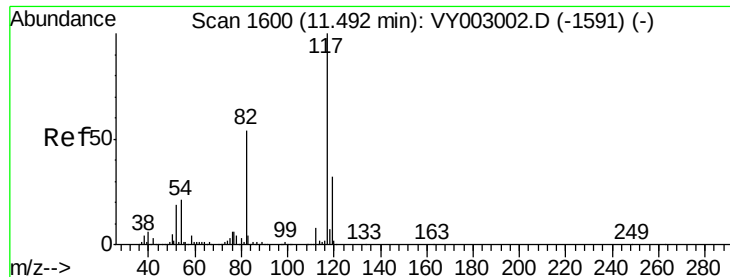
MMDadoda
 7/6/2020 10:43:18 AM



#62
 4-Bromofluorobenzene
 Concen: 51.117 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	184.8
176	89.6	0.0	183.0





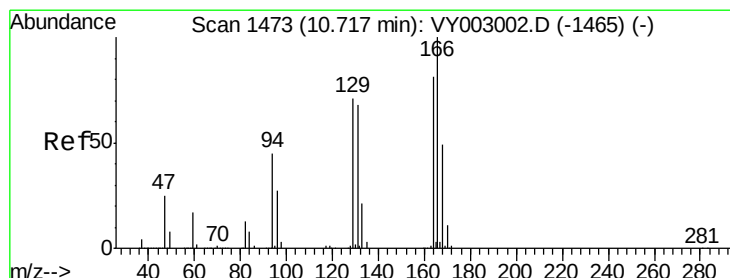
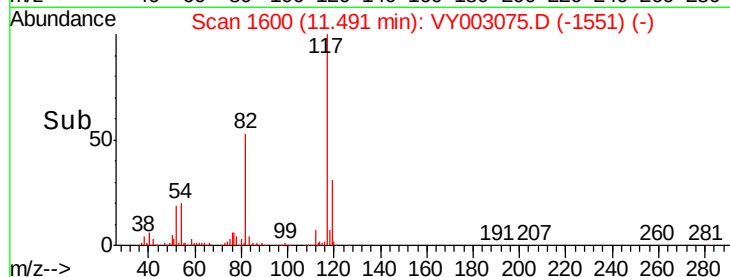
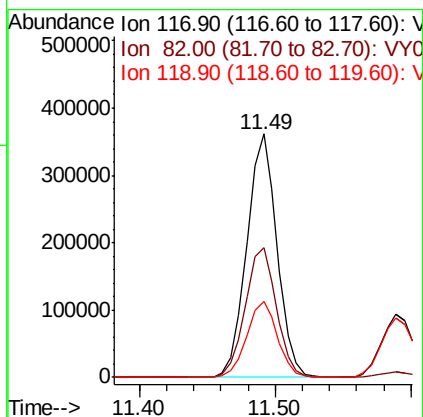
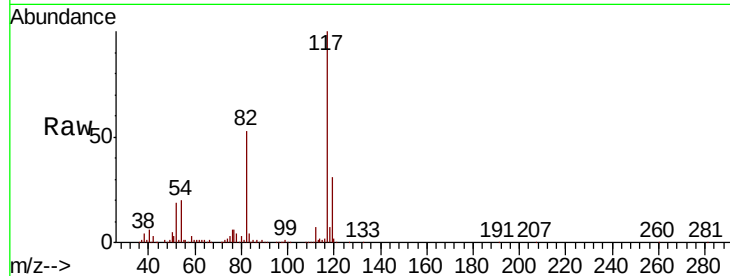
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	561535		
82	53.0		43.0	64.6
119	31.4		25.8	38.8

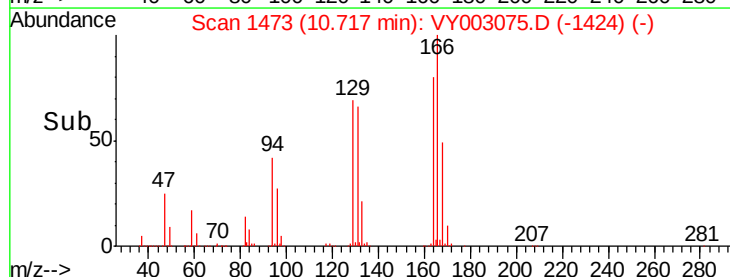
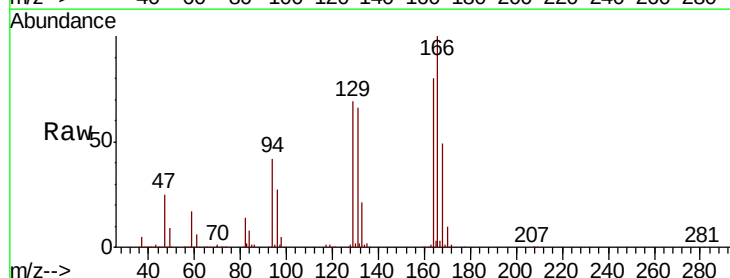
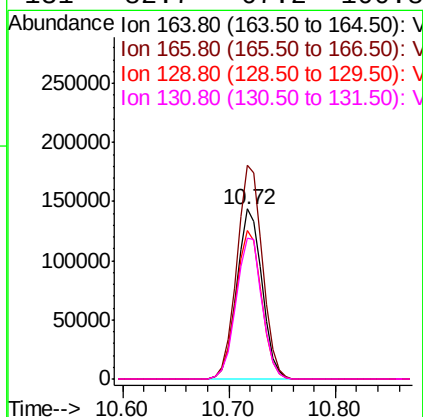
Manual Integrations
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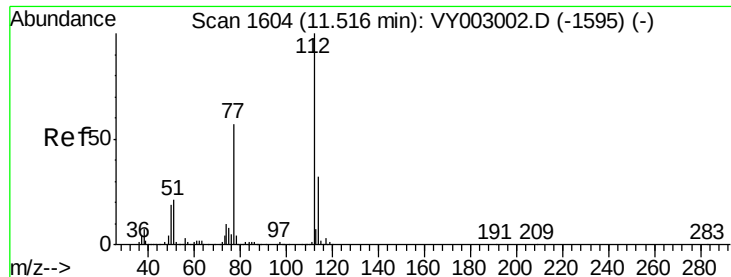
MMDadoda
7/6/2020 10:43:18 AM



#64
Tetrachloroethene
Concen: 50.568 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	240325		
166	125.7		98.5	147.7
129	87.2		69.7	104.5
131	82.7		67.2	100.8





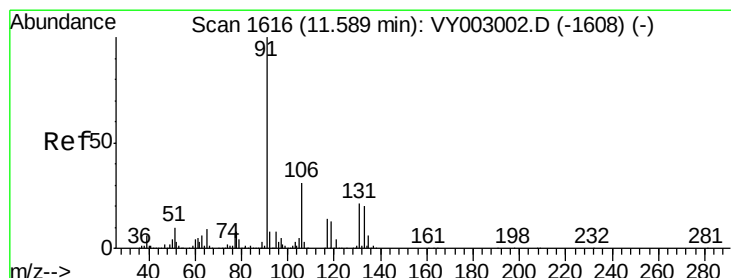
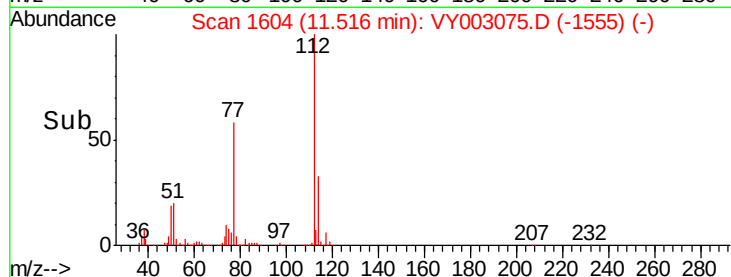
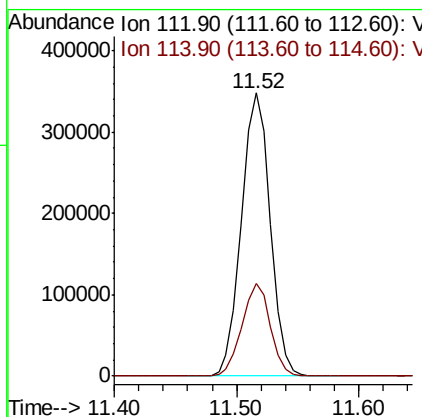
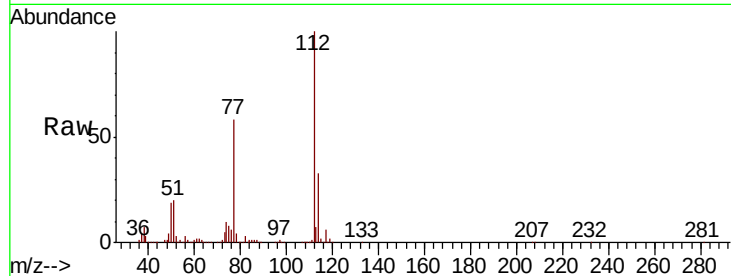
#65
Chlorobenzene
Concen: 51.311 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.7	38.5

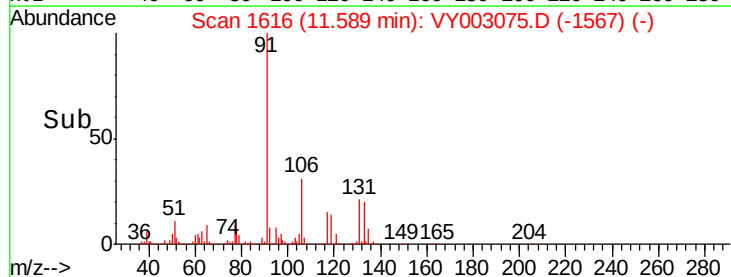
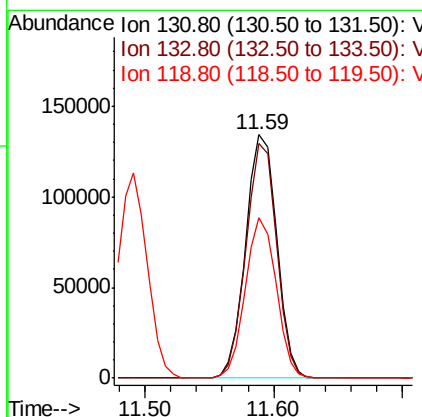
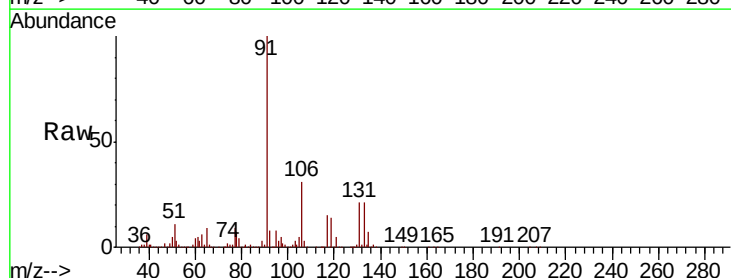
Manual Integrations
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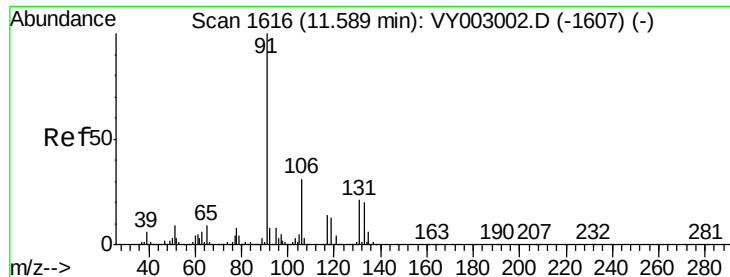
MMDadoda
7/6/2020 10:43:18 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.701 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.9	143.8
119	65.3	31.8	95.3





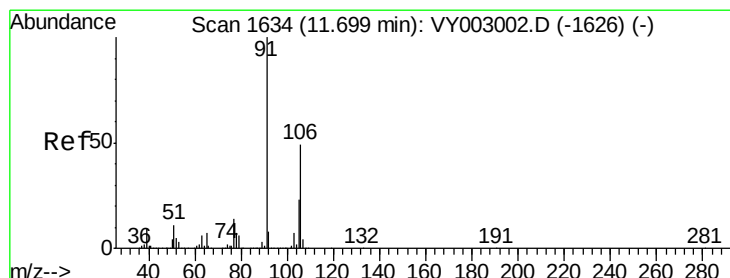
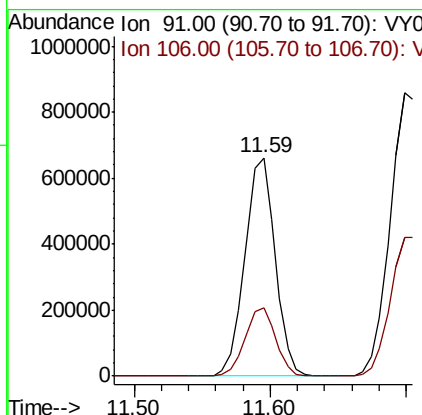
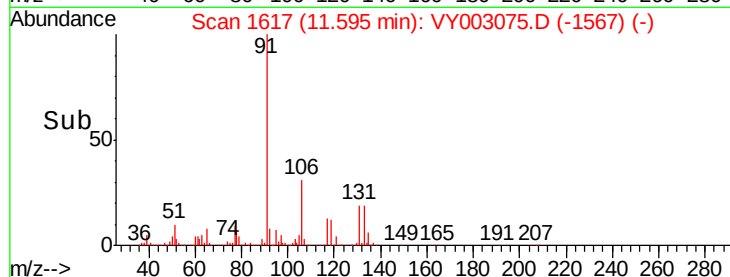
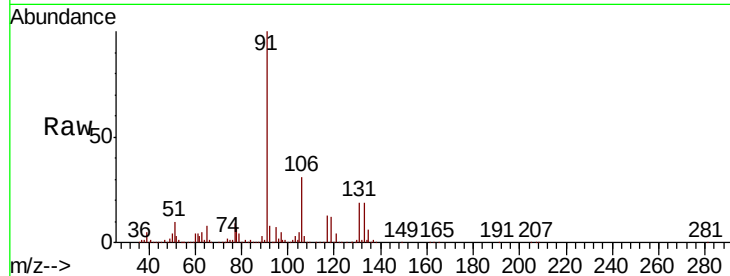
#67
Ethyl Benzene
Concen: 51.109 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1035274
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4

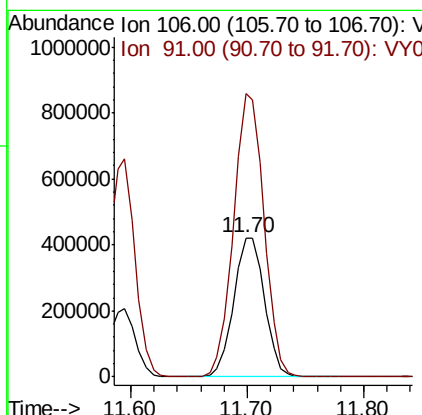
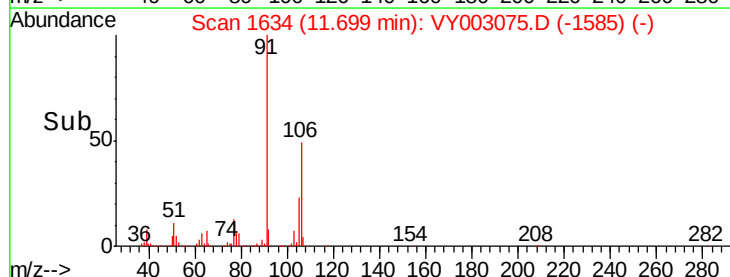
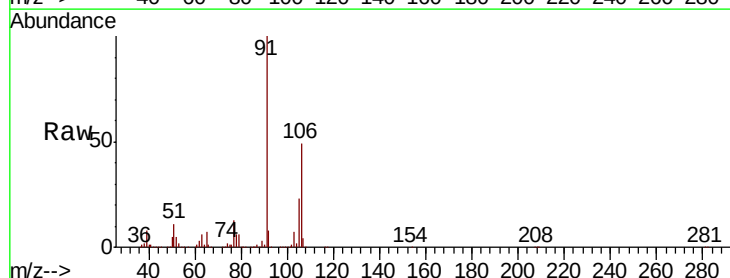
Manual Integrations
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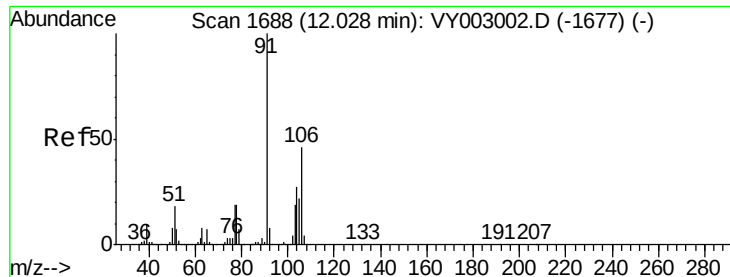
MMDadoda
7/6/2020 10:43:18 AM



#68
m/p-Xylenes
Concen: 103.063 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 106 Resp: 776988
Ion Ratio Lower Upper
106 100
91 200.9 161.9 242.9





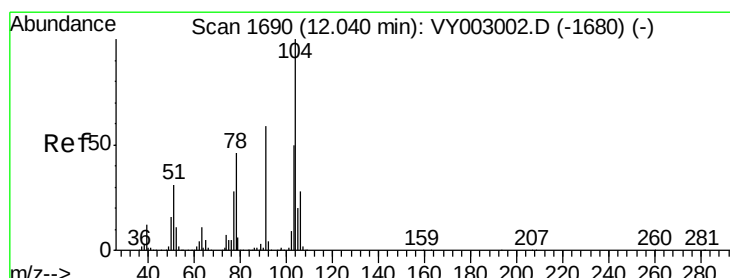
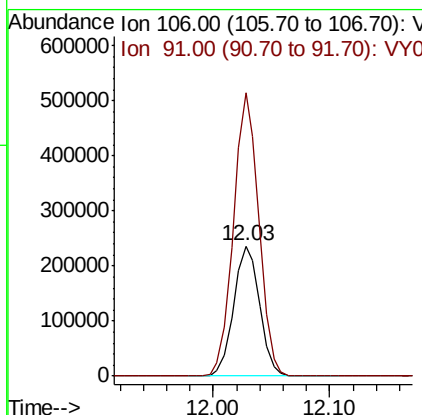
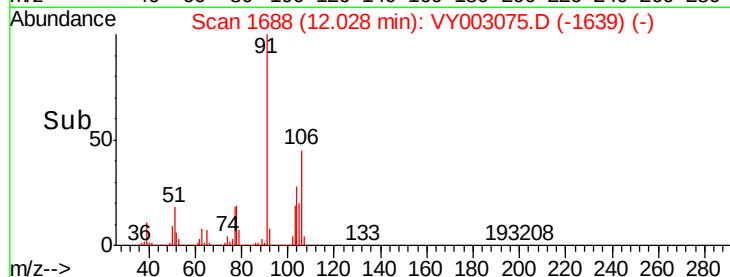
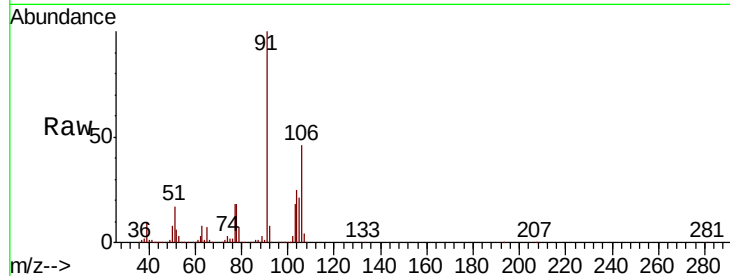
#69
o-Xylene
Concen: 51.358 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 364855
Ion Ratio Lower Upper
106 100
91 213.2 107.9 323.8

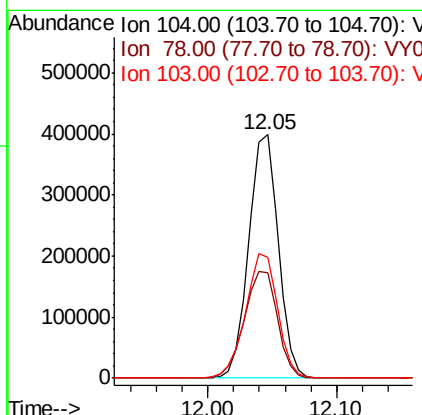
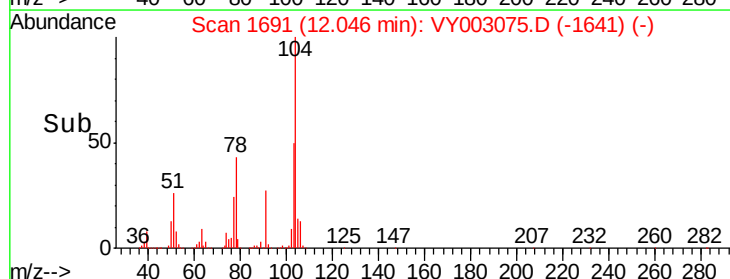
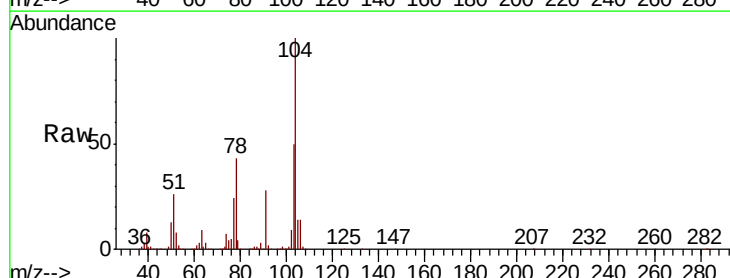
Manual Integrations
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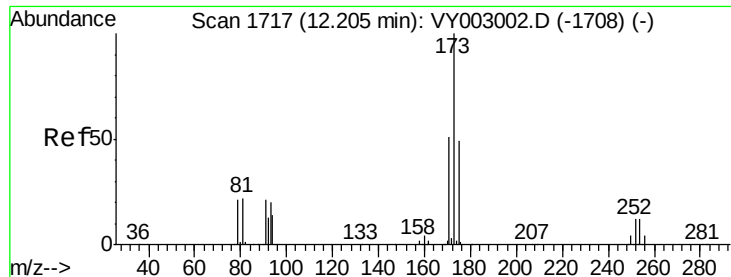
MMDadoda
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#70
Styrene
Concen: 51.917 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion:104 Resp: 630097
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 55.5 44.1 66.1





#71

Bromoform

Concen: 51.667 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

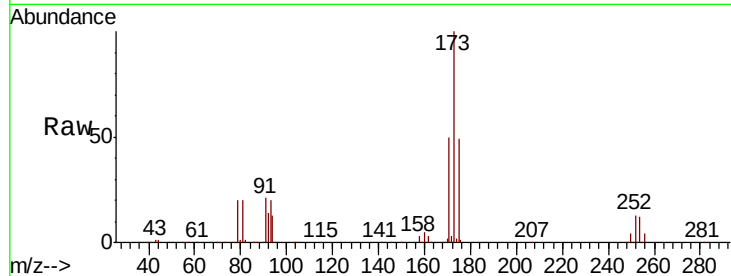
ClientSampleId :

VSTDCCC050

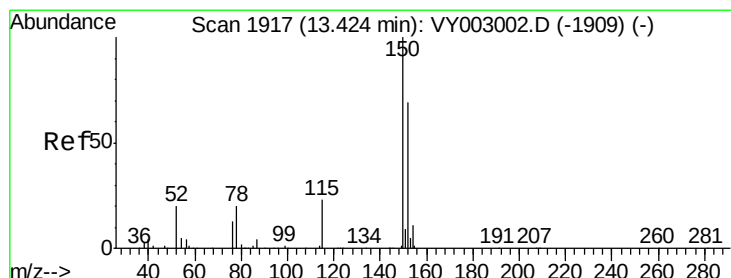
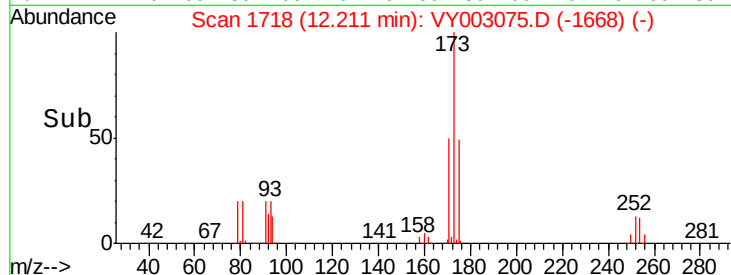
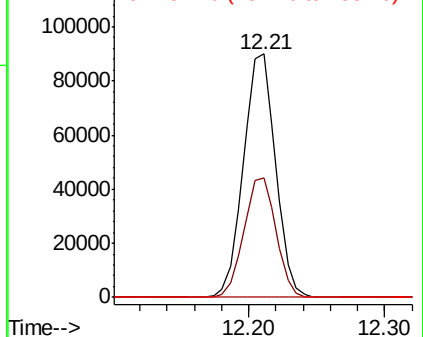
Tot Ion:	173	Resp:	148932
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.6	73.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

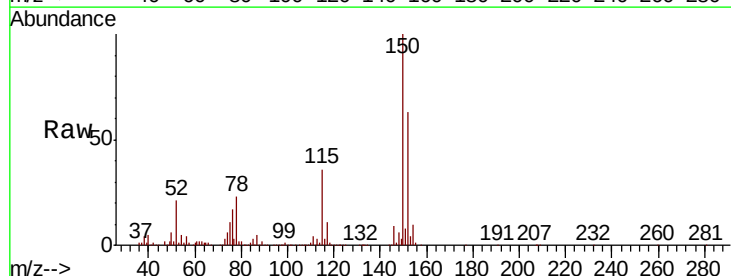
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

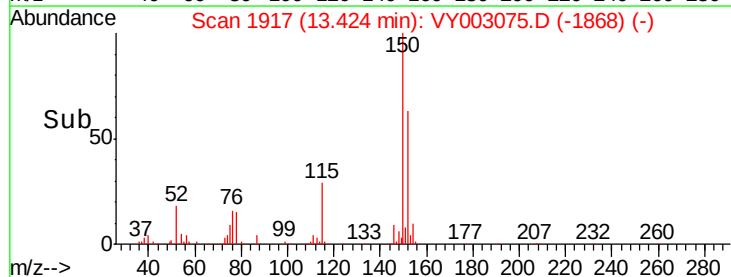
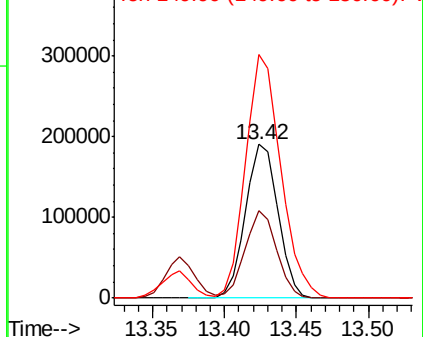
Lab File: VY003075.D

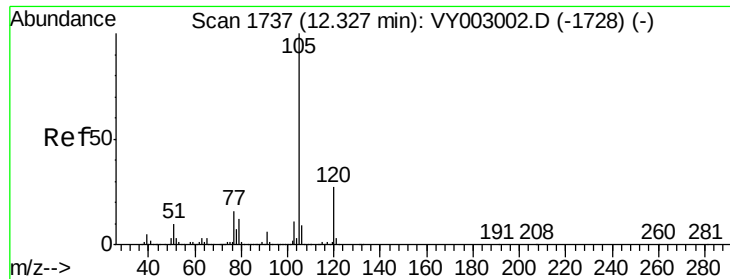
Acq: 02 Jul 2020 10:35

Tgt Ion:	152	Resp:	296698
Ion Ratio	Lower	Upper	
152	100		
115	55.1	27.3	81.9
150	171.8	0.0	343.4



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: 51.282 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 995785

Ion Ratio Lower Upper

105 100

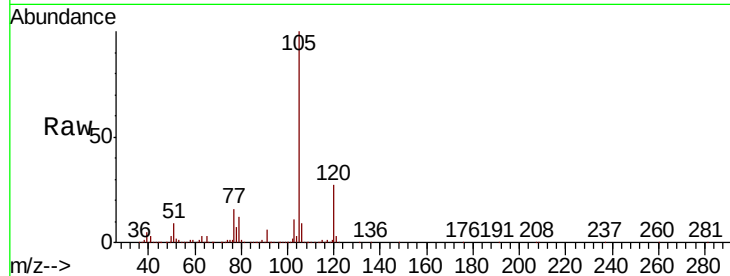
120 26.7 13.4 40.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

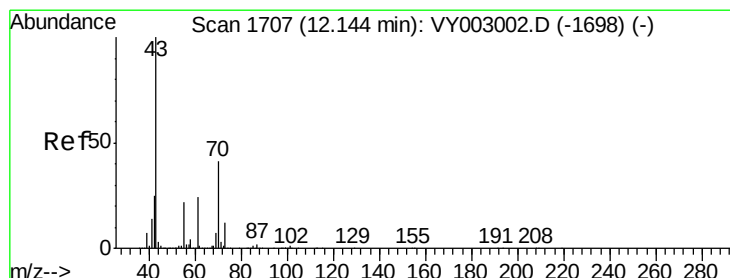
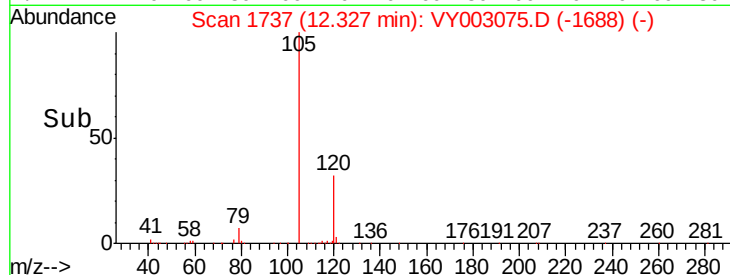
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.192 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion: 43 Resp: 310960

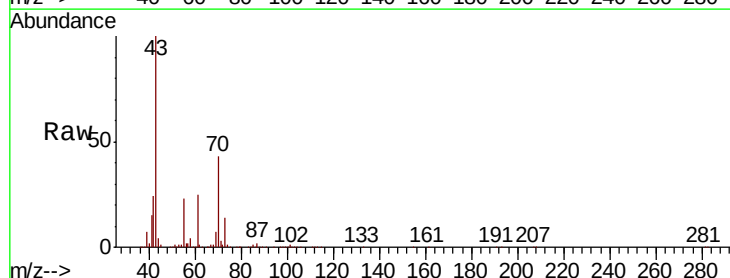
Ion Ratio Lower Upper

43 100

70 42.2 33.0 49.4

55 23.1 18.2 27.2

61 24.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

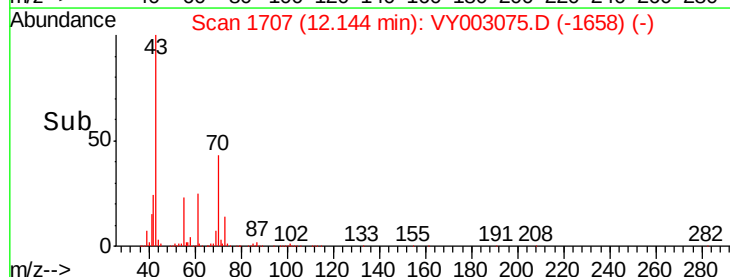
300000

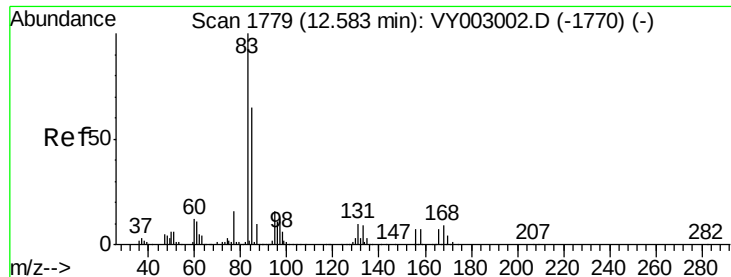
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.921 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

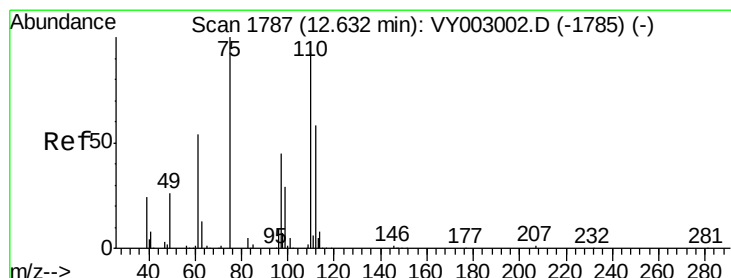
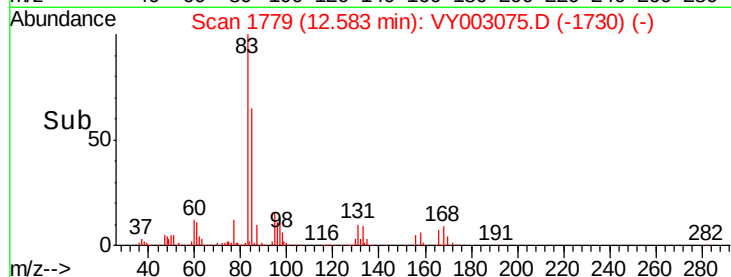
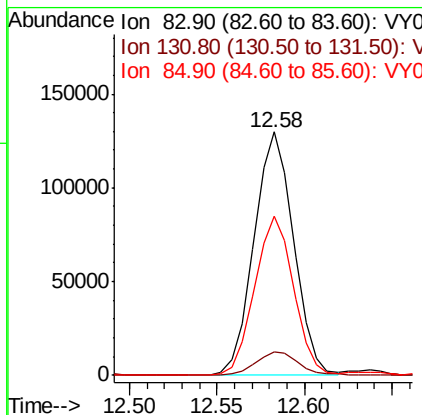
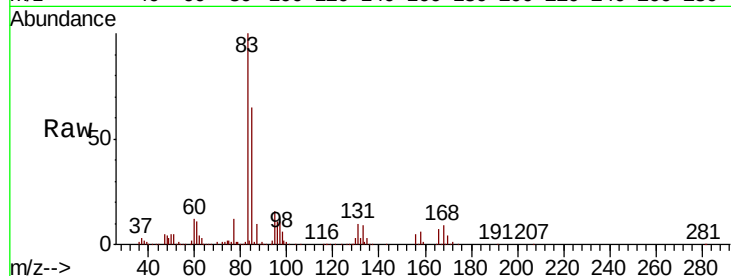
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	203456
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	64.4	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.720 ug/l m

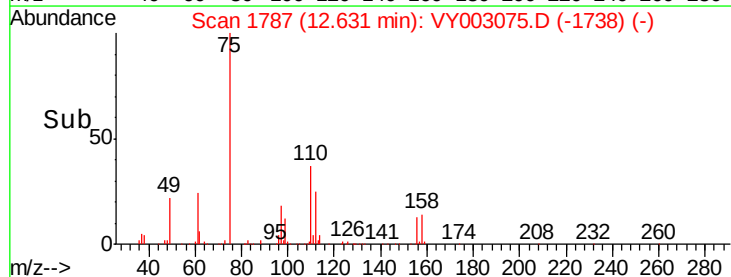
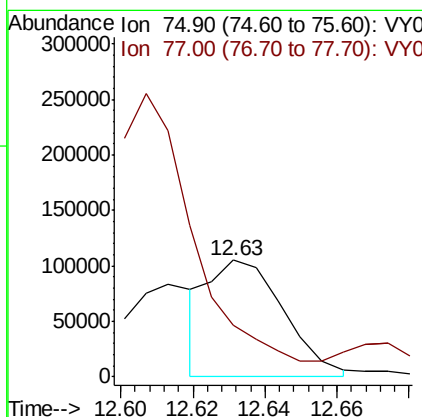
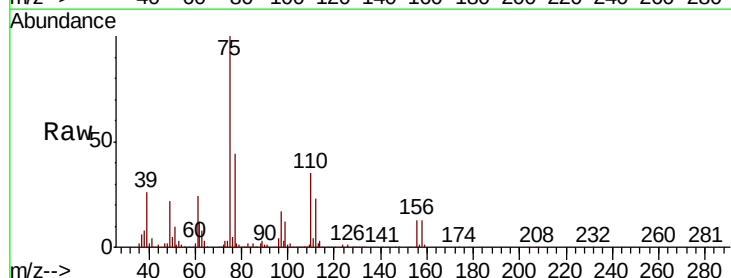
RT: 12.63 min Scan# 1787

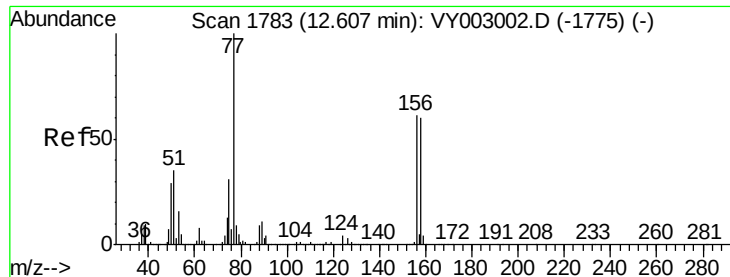
Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion:	75	Resp:	151871
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.724 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

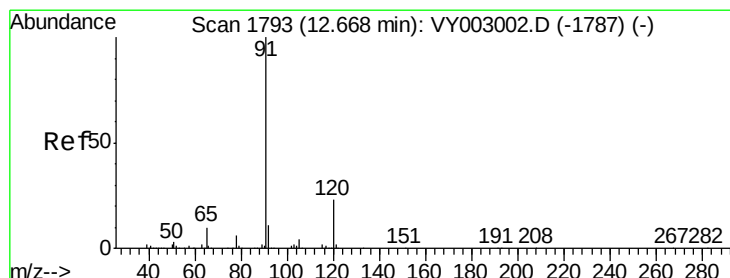
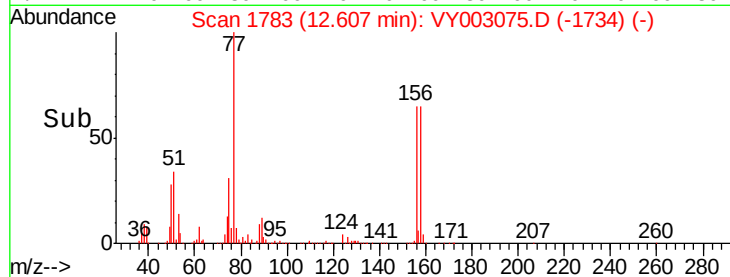
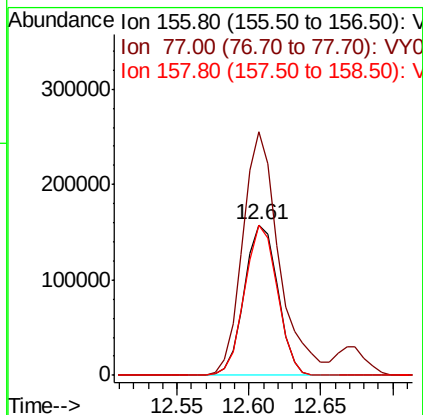
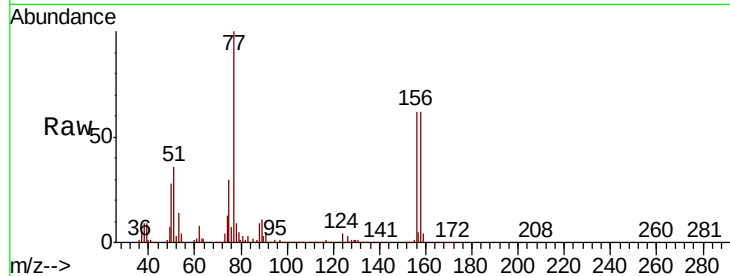
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	252538
Ion Ratio	Lower	Upper	
156	100		
77	178.8	90.0	270.0
158	97.8	48.5	145.5

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#78

n-propylbenzene

Concen: 51.274 ug/l

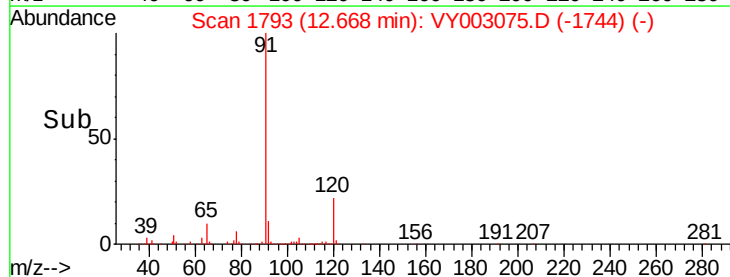
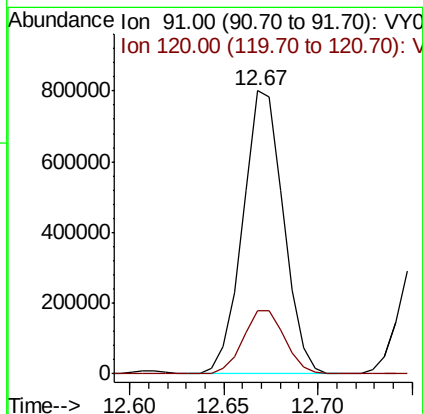
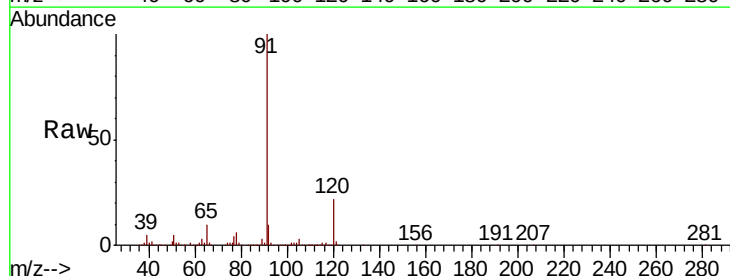
RT: 12.67 min Scan# 1793

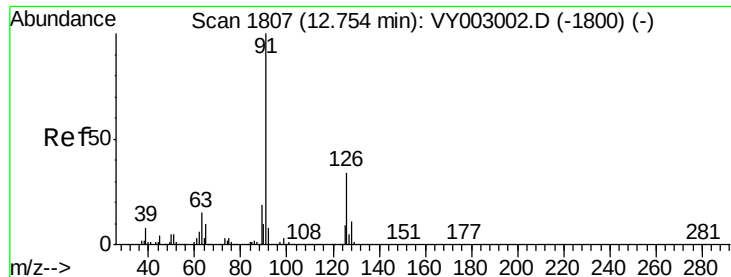
Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion:	91	Resp:	1197373
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





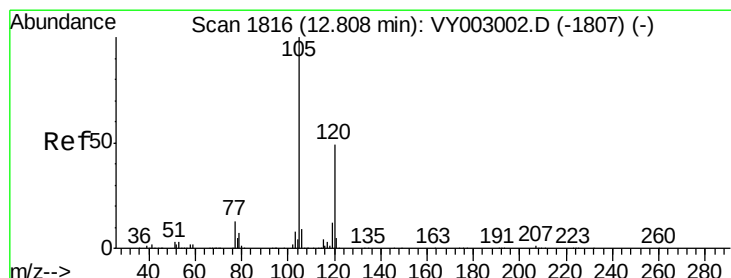
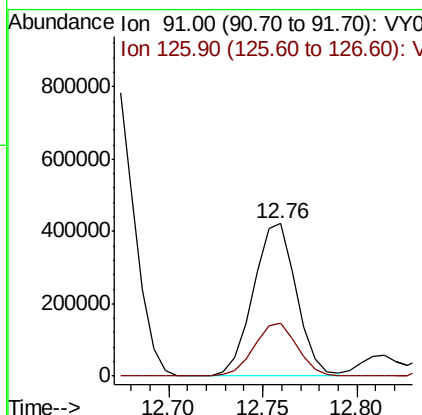
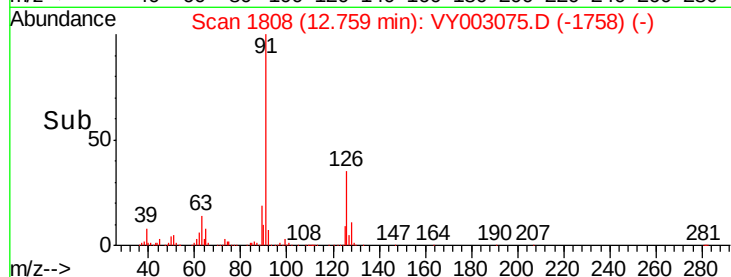
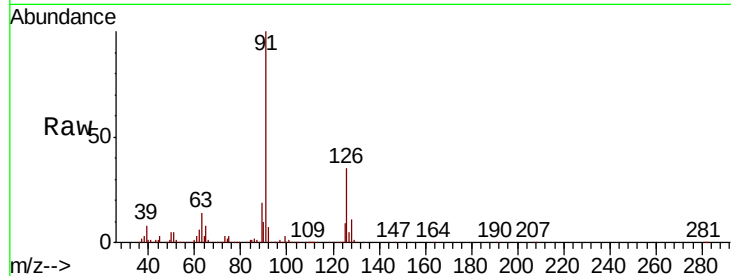
#79
2-Chlorotoluene
Concen: 50.984 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 664566
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.3

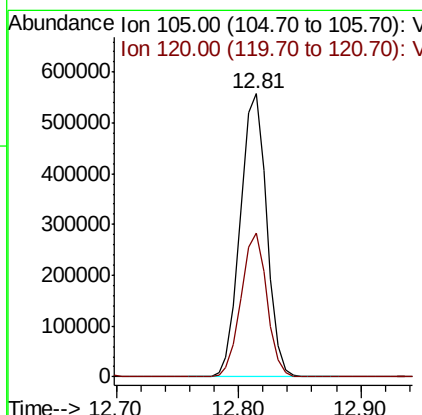
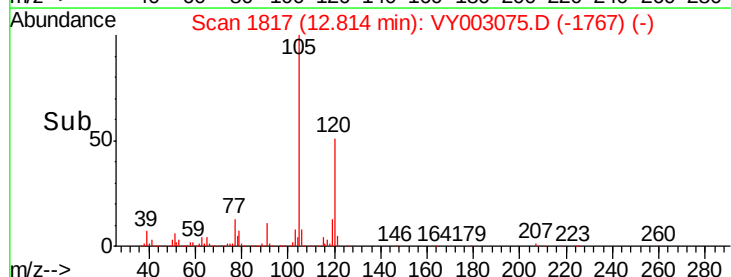
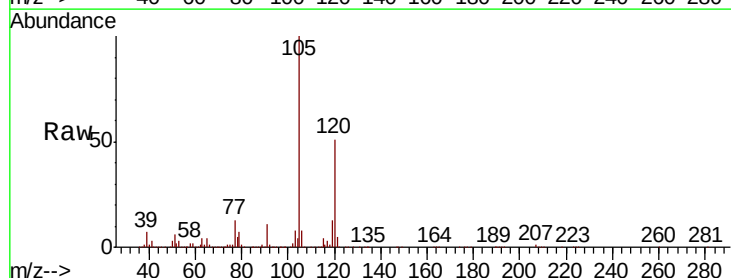
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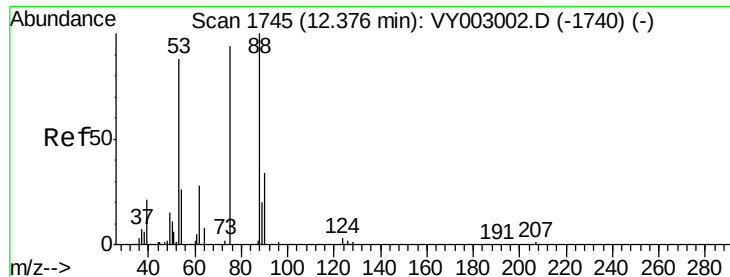
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#80
1,3,5-Trimethylbenzene
Concen: 51.022 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 105 Resp: 831366
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.836 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

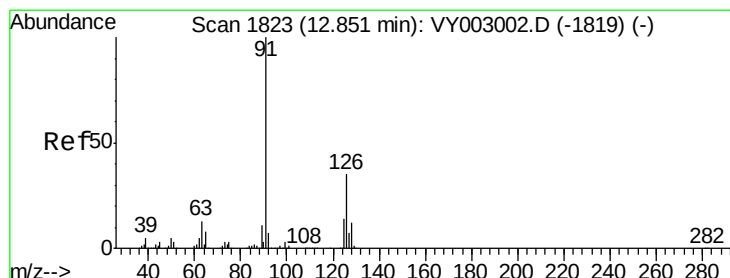
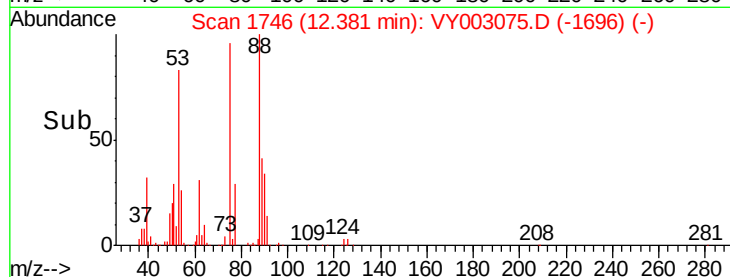
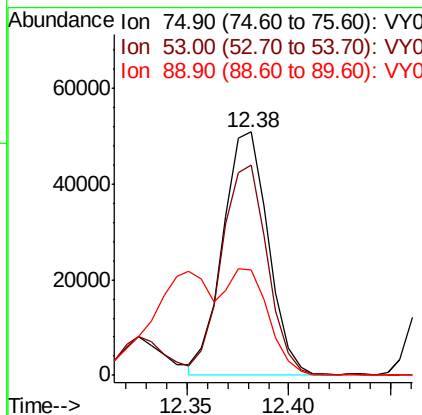
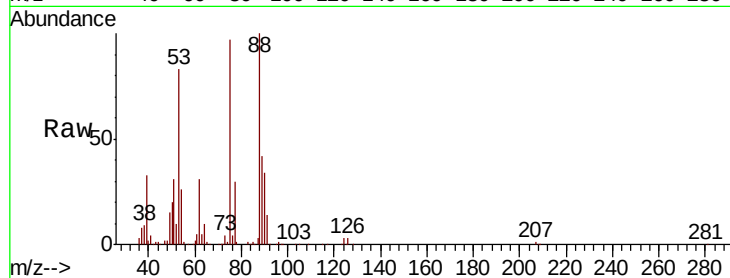
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	78234
Ion	Ratio	Lower	Upper
75	100		
53	87.6	73.9	110.9
89	41.9	37.5	56.3

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#82

4-Chlorotoluene

Concen: 51.385 ug/l

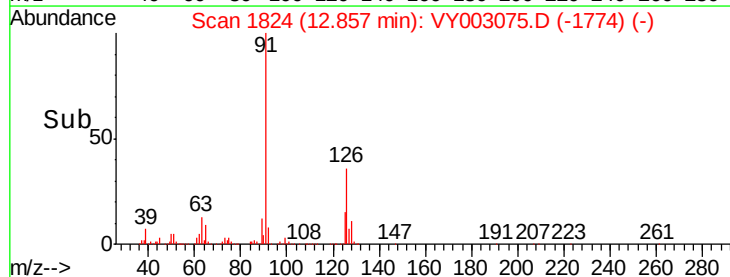
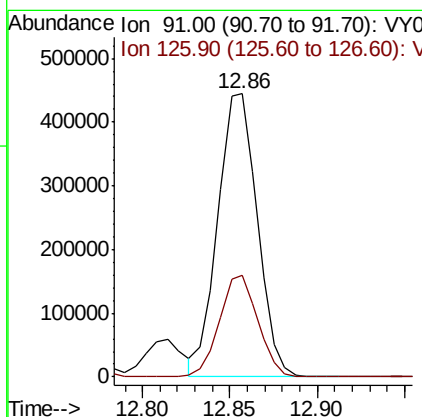
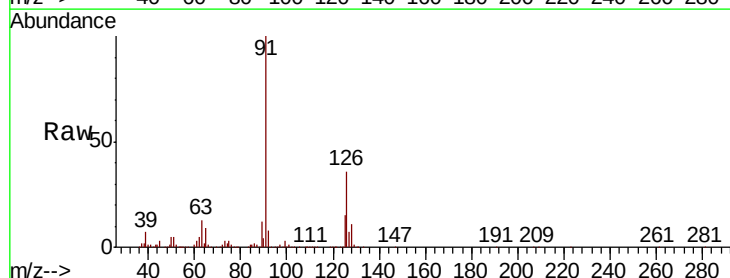
RT: 12.86 min Scan# 1824

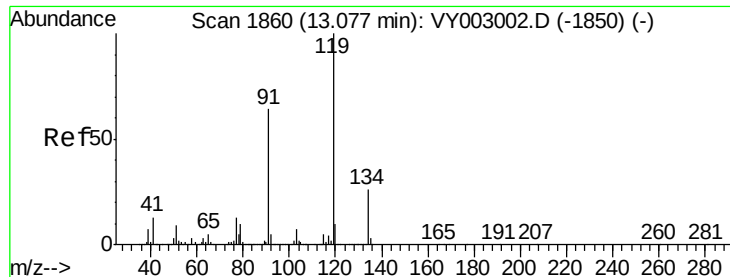
Delta R.T. 0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion:	91	Resp:	697355
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





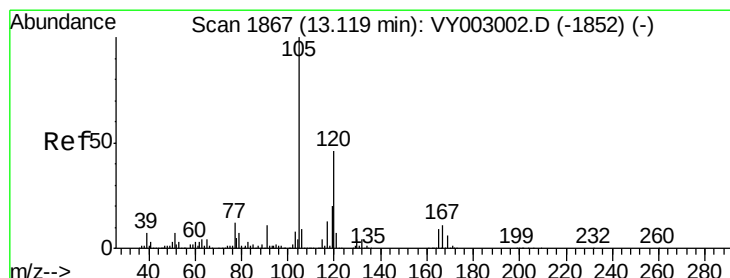
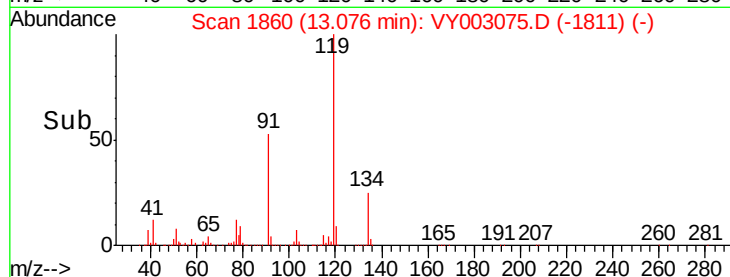
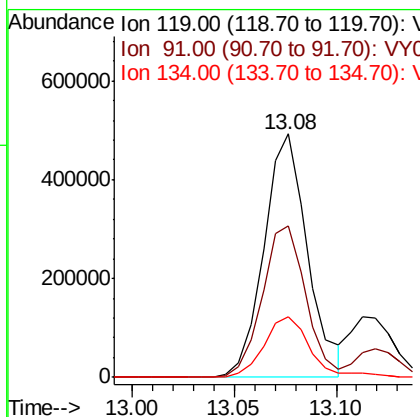
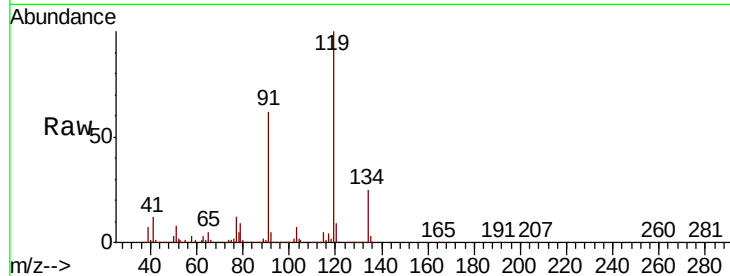
#83
 tert-Butylbenzene
 Concen: 51.326 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.2	31.6	95.0
134	26.7	13.2	39.5

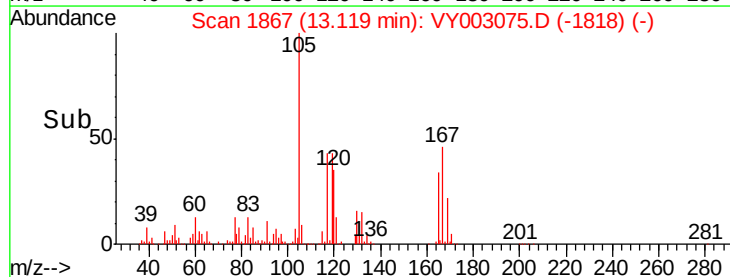
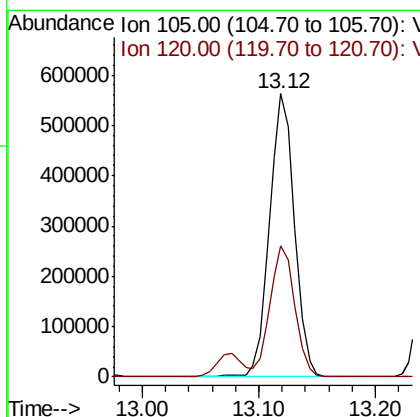
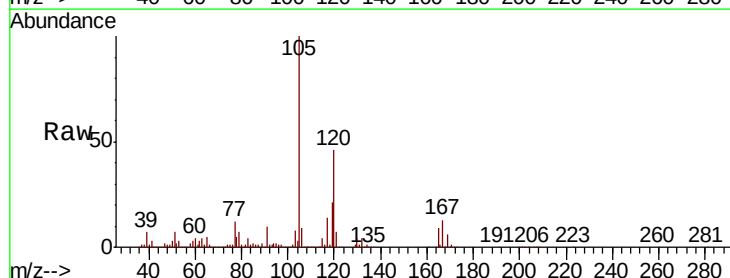
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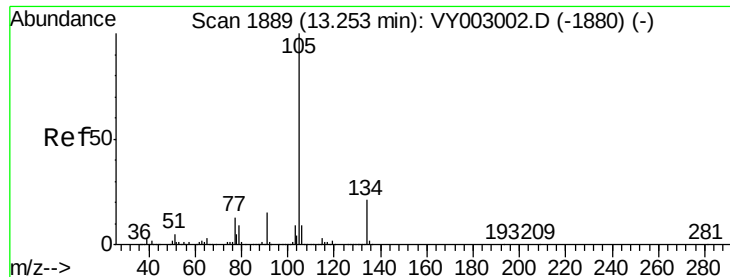
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.197 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 51.419 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1014021

Ion Ratio Lower Upper

105 100

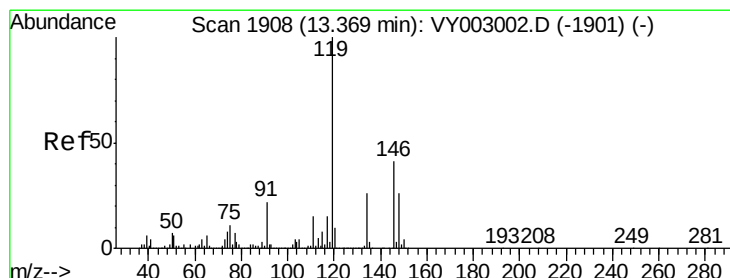
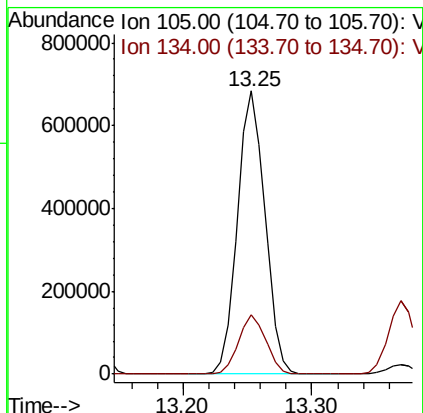
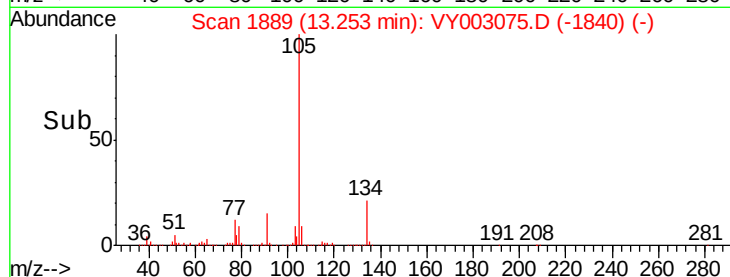
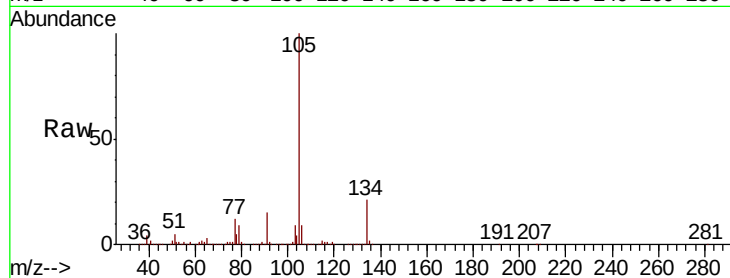
134 20.6 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 51.731 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

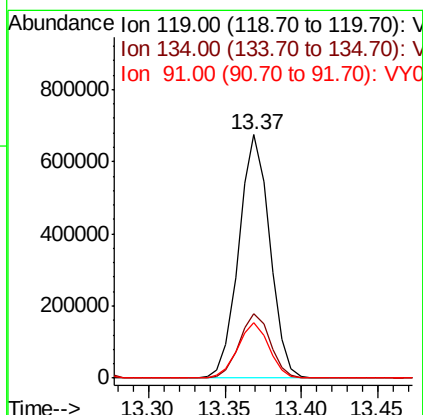
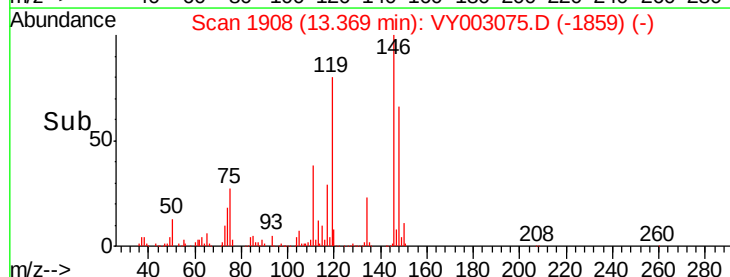
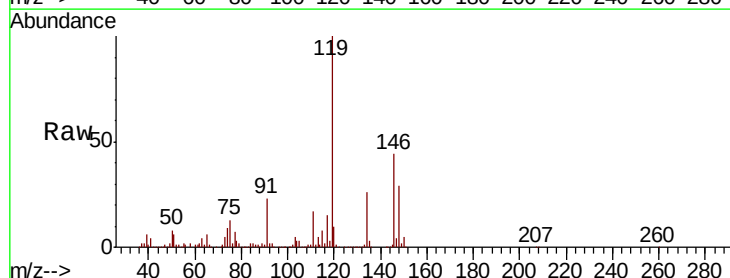
Tgt Ion:119 Resp: 945303

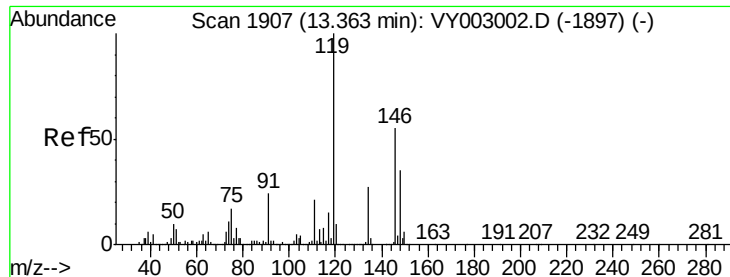
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.7 11.5 34.5





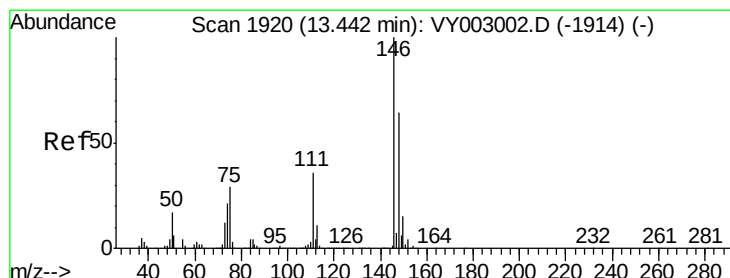
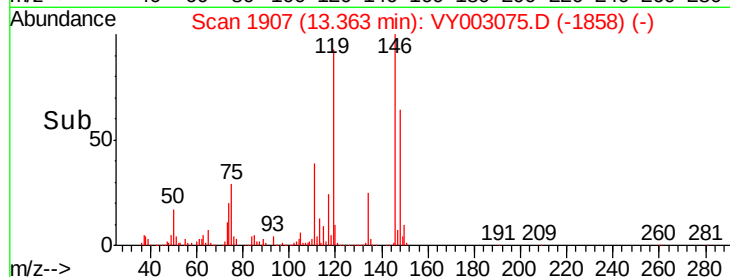
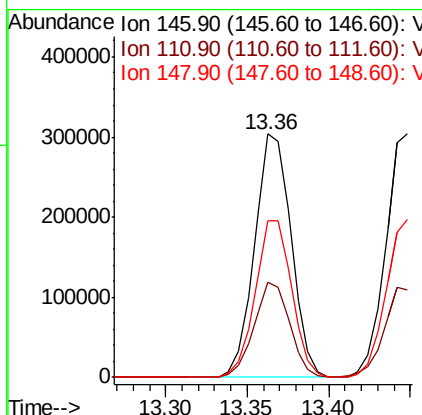
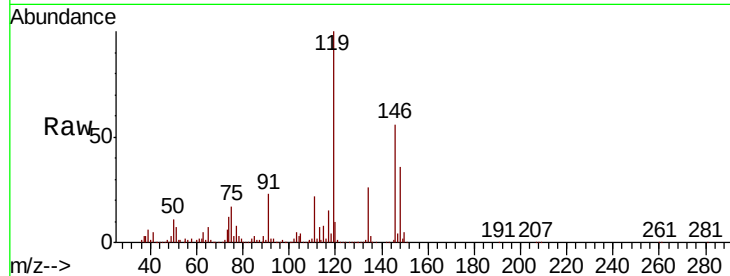
#87
 1,3-Dichlorobenzene
 Concen: 51.060 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.3
148	64.2	31.8	95.3

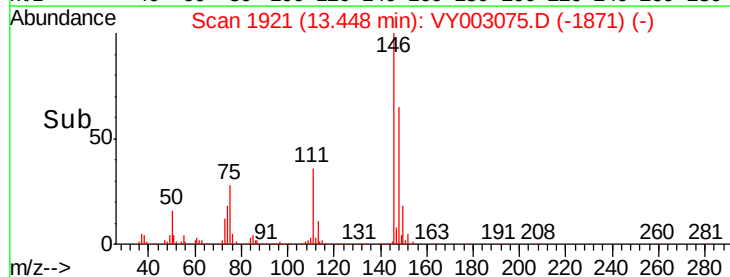
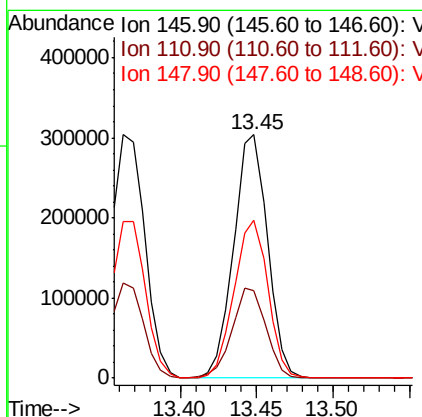
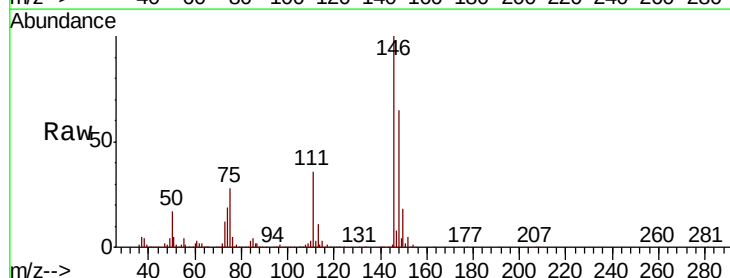
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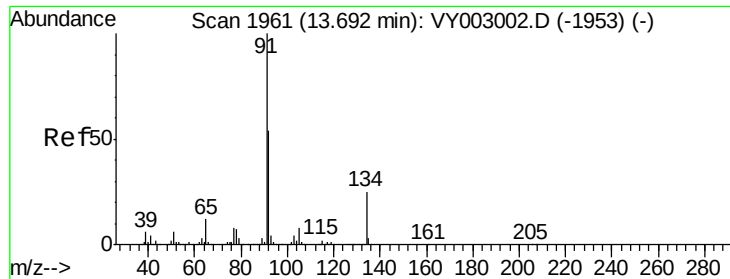
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 50.944 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.4
148	64.8	32.3	96.9





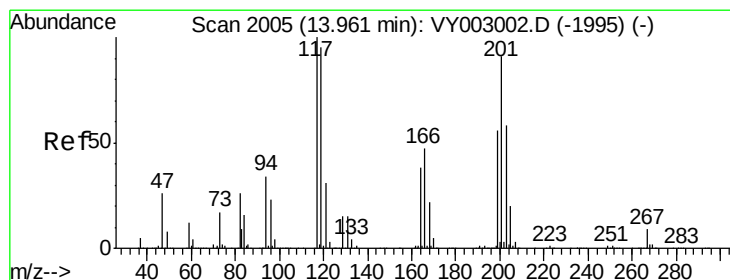
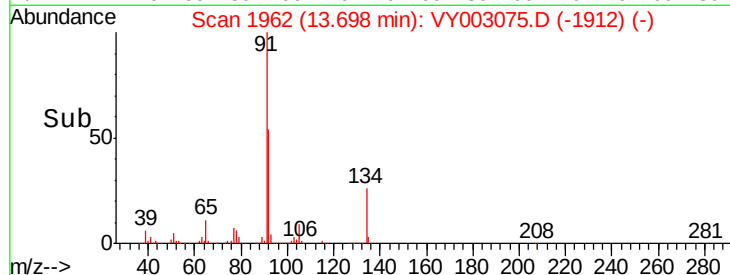
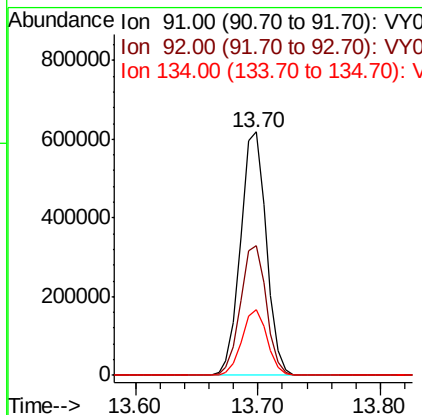
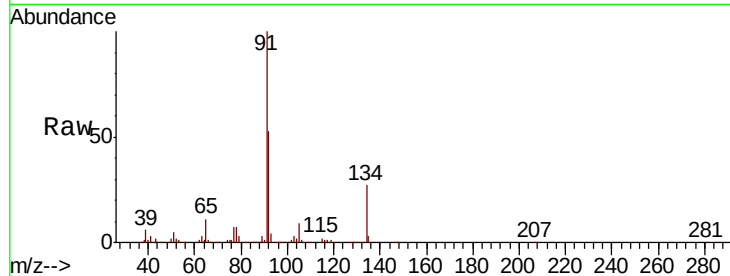
#89
n-Butylbenzene
Concen: 51.502 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.3
134	26.5	13.1	39.1

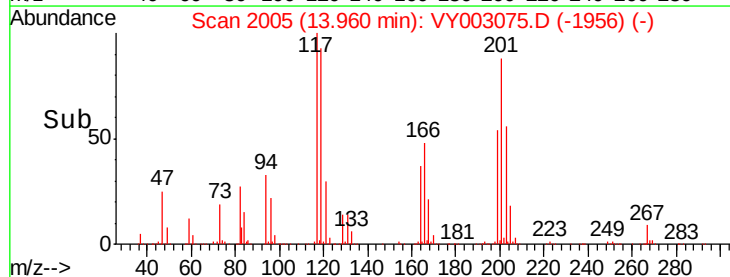
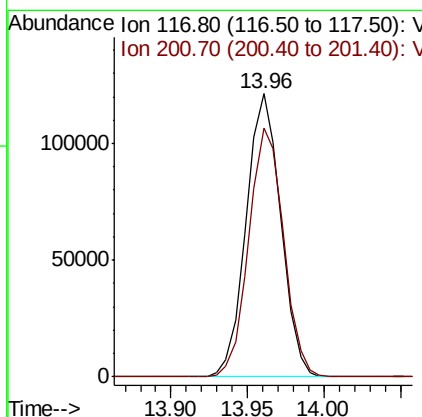
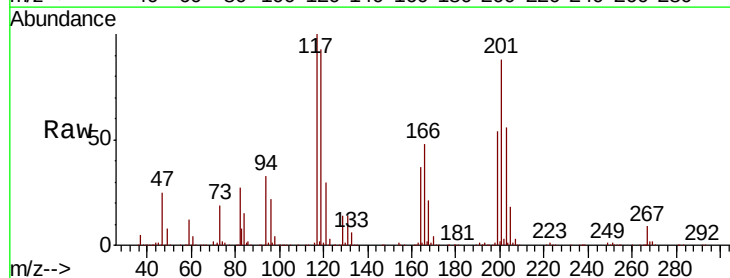
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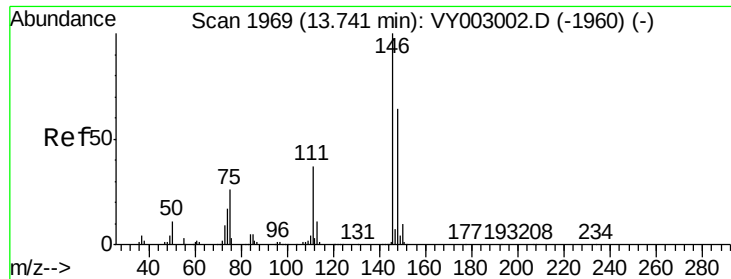
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7/6/2020 10:43:18 AM



#90
Hexachloroethane
Concen: 52.660 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 50.988 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

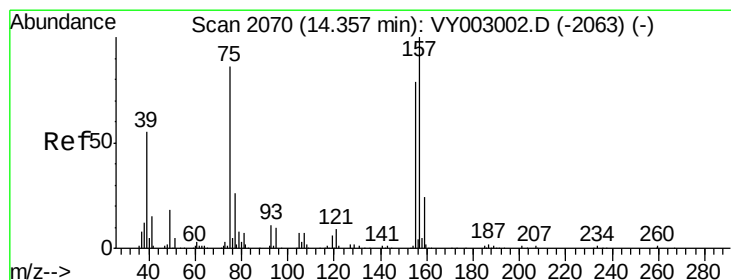
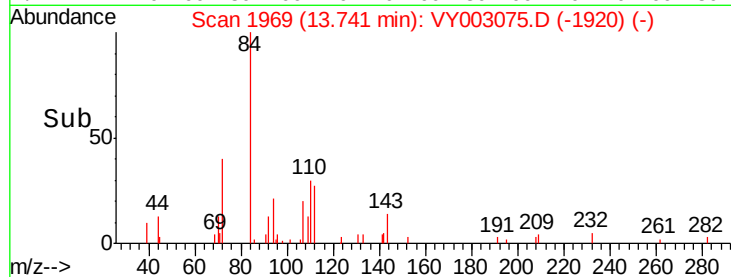
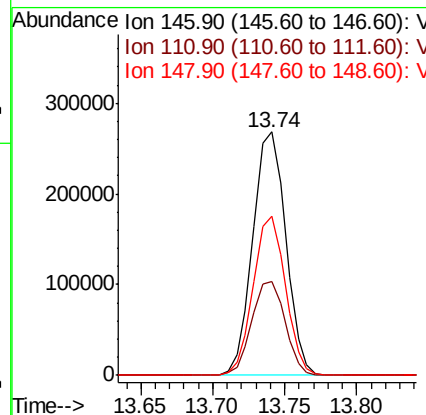
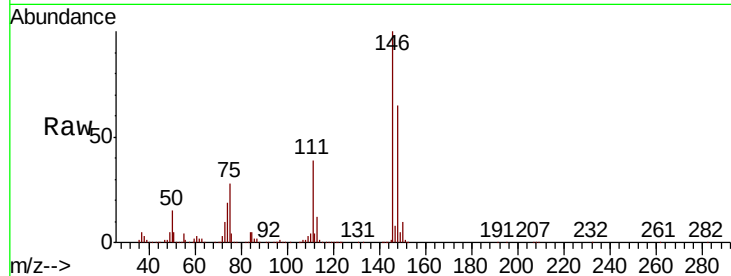
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	425217
Ion Ratio		Lower	Upper
146	100		
111	39.1	19.1	57.5
148	63.9	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.854 ug/l

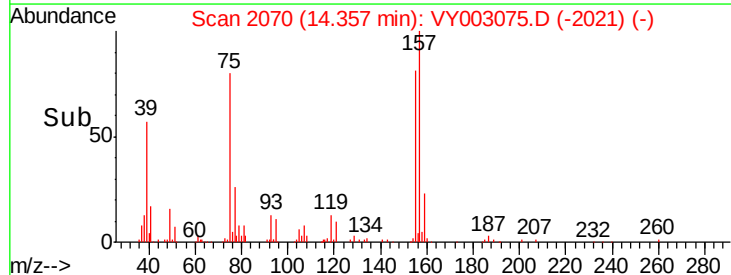
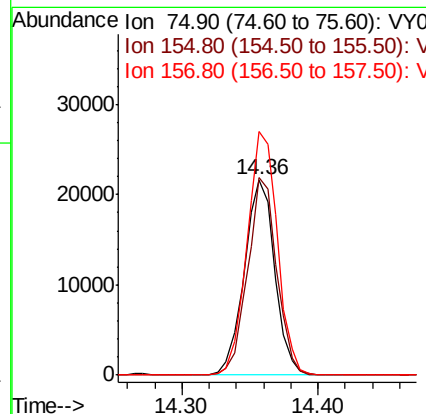
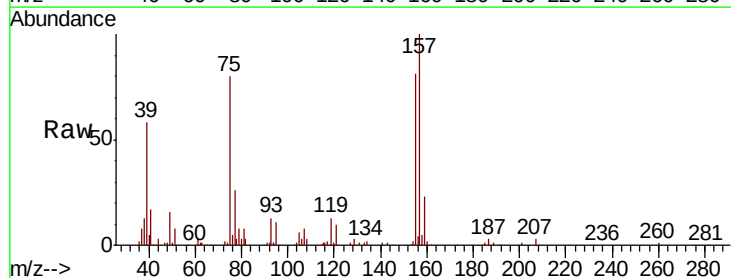
RT: 14.36 min Scan# 2070

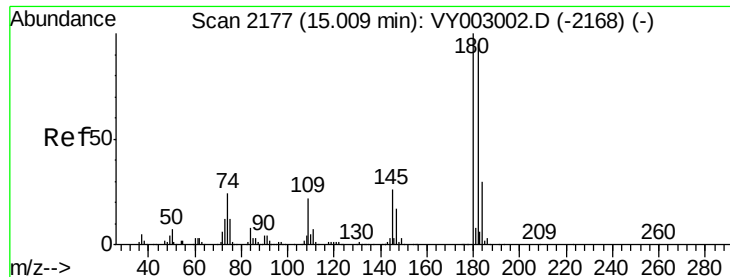
Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion:	75	Resp:	33889
Ion Ratio		Lower	Upper
75	100		
155	96.4	46.5	139.3
157	124.2	59.2	177.5





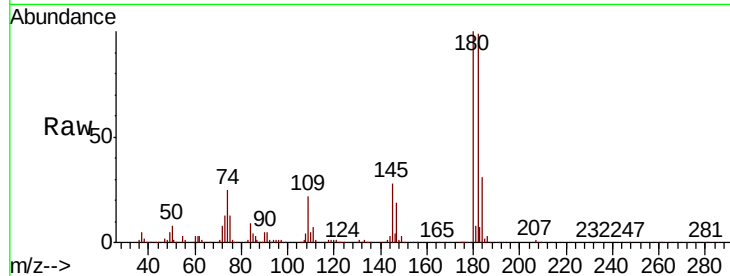
#93
 1,2,4-Trichlorobenzene
 Concen: 50.108 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	310509		
182	96.7	48.1	144.3	
145	28.3	13.9	41.6	

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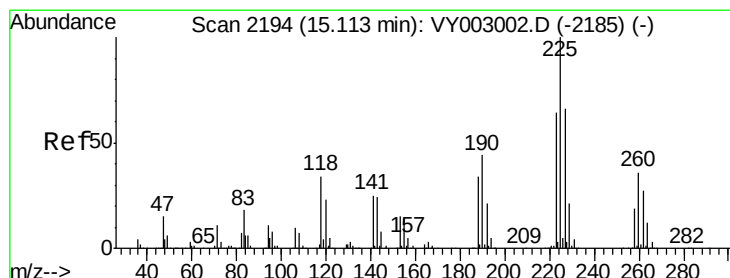
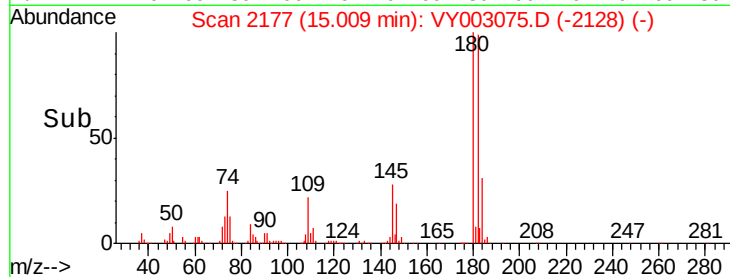
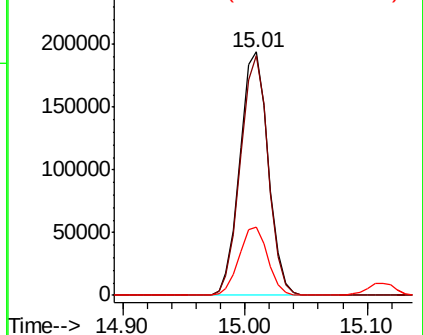


Abundance

Ion 179.80 (179.50 to 180.50): V

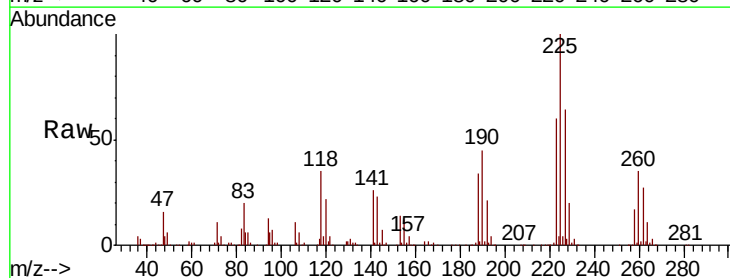
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.287 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	200470		
223	62.3	32.4	97.0	
227	64.0	32.4	97.2	

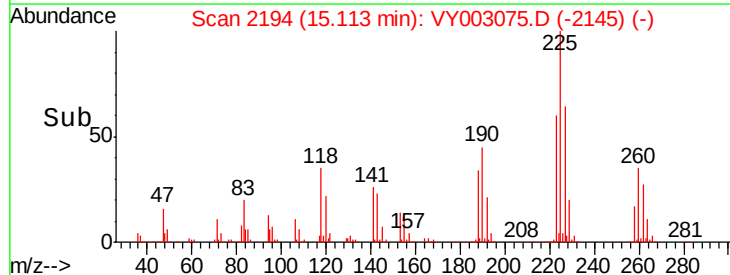
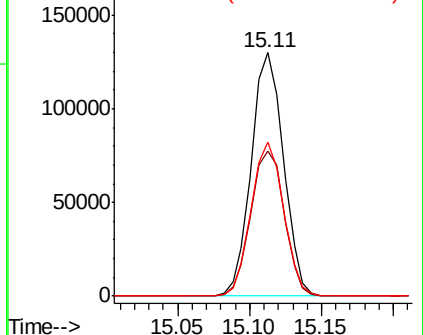


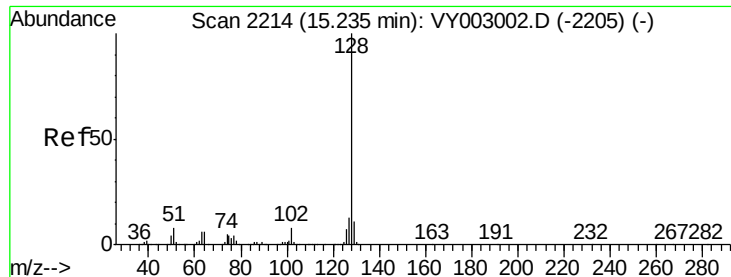
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.303 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

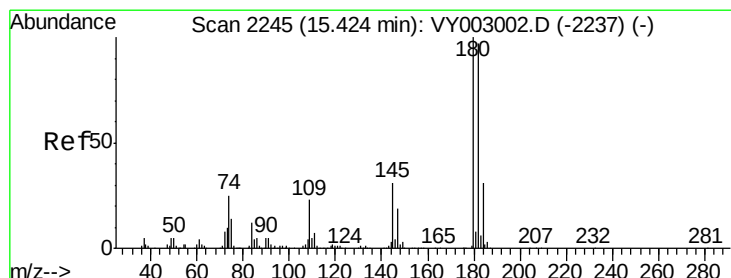
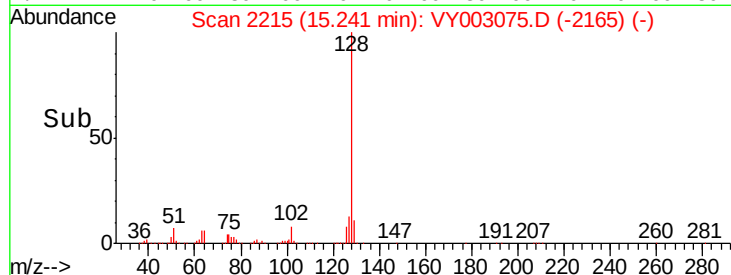
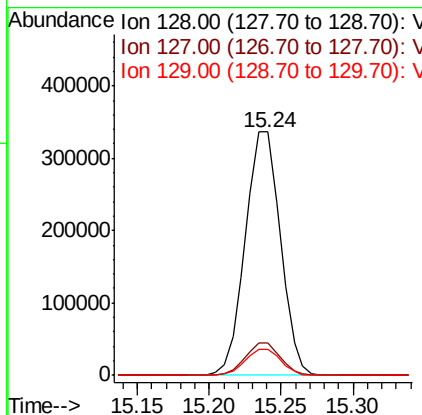
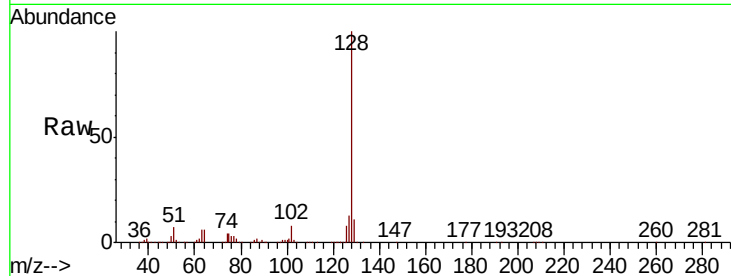
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	569365
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/6/2020 10:43:18 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.124 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion:	180	Resp:	269717
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.8	143.3
145	29.1	14.7	44.1

