

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003378.D
 Acq On : 28 Jul 2020 16:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:07:27 PM

Quant Time: Jul 29 03:45:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	428681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	643468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	597598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	315612	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	182081	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	7.72	113	176038	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	10.18	98	640672	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
62) 4-Bromofluorobenzene	12.48	95	230929	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.91	85	128506	41.825	ug/l	99
3) Chloromethane	2.12	50	196069	46.006	ug/l	99
4) Vinyl Chloride	2.26	62	209940	48.012	ug/l	99
5) Bromomethane	2.65	94	164217	50.562	ug/l	100
6) Chloroethane	2.80	64	144890	50.449	ug/l	99
7) Trichlorofluoromethane	3.13	101	318808	51.053	ug/l	100
8) Diethyl Ether	3.54	74	117007	55.917	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	198055	52.514	ug/l	98
10) Methyl Iodide	4.10	142	208970	51.000	ug/l	100
11) Tert butyl alcohol	4.96	59	103764	265.215	ug/l	100
12) 1,1-Dichloroethene	3.88	96	182348	51.118	ug/l	96
13) Acrolein	3.73	56	66915	197.047	ug/l	100
14) Allyl chloride	4.49	41	313667	59.259	ug/l	96
15) Acrylonitrile	5.17	53	302077	300.523	ug/l	100
16) Acetone	3.95	43	228933	283.262	ug/l	95
17) Carbon Disulfide	4.20	76	523587	47.833	ug/l	100
18) Methyl Acetate	4.48	43	141113	62.871	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	570213	57.040	ug/l	100
20) Methylene Chloride	4.72	84	255846	64.512	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	212040	52.554	ug/l	92
22) Diisopropyl ether	6.13	45	724833	61.701	ug/l	95
23) Vinyl Acetate	6.07	43	2314010	295.534	ug/l	98
24) 1,1-Dichloroethane	6.02	63	397472	58.402	ug/l	99
25) 2-Butanone	6.99	43	388681	292.904	ug/l	99
26) 2,2-Dichloropropane	6.99	77	347339	56.670	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	251800	56.683	ug/l	98
28) Bromochloromethane	7.34	49	167756	56.932	ug/l	96
29) Tetrahydrofuran	7.35	42	262288	294.226	ug/l	96
30) Chloroform	7.51	83	404661	57.729	ug/l	99
31) Cyclohexane	7.78	56	333021	50.602	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	355426	56.323	ug/l	99
36) 1,1-Dichloropropene	7.92	75	299904	51.424	ug/l	100
37) Ethyl Acetate	7.08	43	176687	56.258	ug/l	99
38) Carbon Tetrachloride	7.90	117	321829	53.454	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	363720	49.646	ug/l	97
40) Benzene	8.16	78	876302	54.570	ug/l	95
41) Methacrylonitrile	7.33	41	101352m	53.582	ug/l	
42) 1,2-Dichloroethane	8.24	62	268645	54.341	ug/l	99
43) Isopropyl Acetate	8.27	43	338035	55.605	ug/l	99
44) Trichloroethene	8.94	130	249118	50.606	ug/l	95
45) 1,2-Dichloropropane	9.22	63	234960	56.547	ug/l	97
46) Dibromomethane	9.31	93	128868	53.101	ug/l	100
47) Bromodichloromethane	9.50	83	324214	56.171	ug/l	96
48) Methyl methacrylate	9.29	41	153836	56.604	ug/l	94
49) 1,4-Dioxane	9.30	88	33820	1098.024	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	894842	283.197	ug/l	98
52) Toluene	10.24	92	548327	53.423	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	339489	56.769	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	384547	55.810	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	188998	54.958	ug/l	99
56) Ethyl methacrylate	10.51	69	261420	55.914	ug/l	98
57) 1,3-Dichloropropane	10.79	76	324711	55.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	620598	260.270	ug/l	98
59) 2-Hexanone	10.83	43	617466	279.933	ug/l	98
60) Dibromochloromethane	10.99	129	237806	54.980	ug/l	97
61) 1,2-Dibromoethane	11.09	107	177547	52.310	ug/l	100
64) Tetrachloroethene	10.72	164	256794	48.194	ug/l	97
65) Chlorobenzene	11.52	112	620845	53.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	247790	55.417	ug/l	99
67) Ethyl Benzene	11.59	91	1111015	54.050	ug/l	100
68) m/p-Xylenes	11.70	106	833796	106.907	ug/l	98
69) o-Xylene	12.03	106	398189	54.649	ug/l	98
70) Styrene	12.04	104	692681	55.573	ug/l	99
71) Bromoform	12.20	173	159146	54.229	ug/l	100
73) Isopropylbenzene	12.33	105	1098657	54.624	ug/l	100
74) N-amyl acetate	12.14	43	317177	56.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	219071	56.396	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	155764m	55.755	ug/l	
77) Bromobenzene	12.61	156	276887	54.007	ug/l	99
78) n-propylbenzene	12.67	91	1303993	55.002	ug/l	100
79) 2-Chlorotoluene	12.75	91	726858	54.950	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	918075	54.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	80177	55.854	ug/l	96
82) 4-Chlorotoluene	12.85	91	755074	54.690	ug/l	99
83) tert-Butylbenzene	13.08	119	820360	55.463	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	927198	54.973	ug/l	98
85) sec-Butylbenzene	13.25	105	1124871	55.331	ug/l	100
86) p-Isopropyltoluene	13.37	119	1037073	54.634	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	528746	54.538	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	522337	54.418	ug/l	99
89) n-Butylbenzene	13.70	91	987043	55.282	ug/l	99
90) Hexachloroethane	13.96	117	203131	58.762	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	469479	55.180	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32532	51.657	ug/l	97

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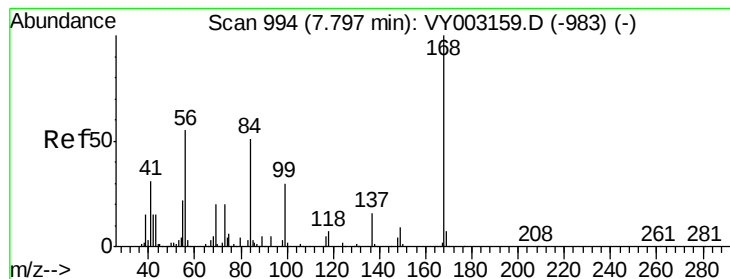
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	325500	53.777	ug/l	100
94) Hexachlorobutadiene	15.11	225	215763	52.024	ug/l	99
95) Naphthalene	15.23	128	541789	54.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	259785	54.296	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 428681

Ion Ratio Lower Upper

168 100

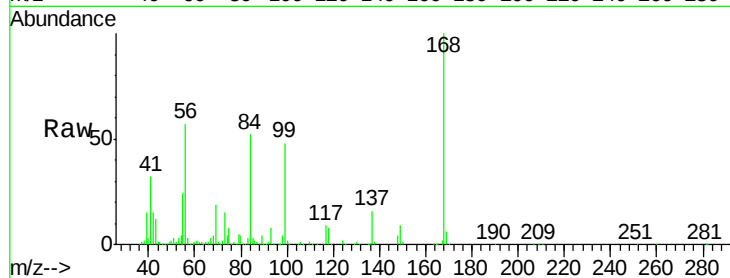
99 47.8 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003378.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003378.D (-945) (-)

7.80

200000

150000

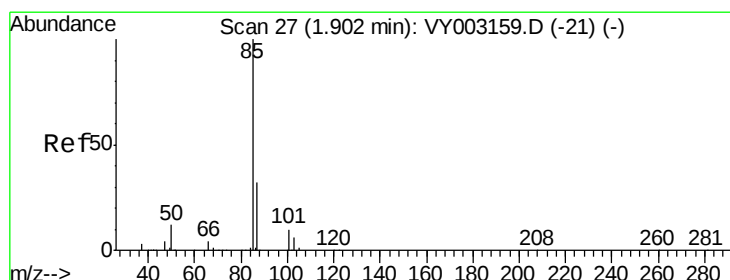
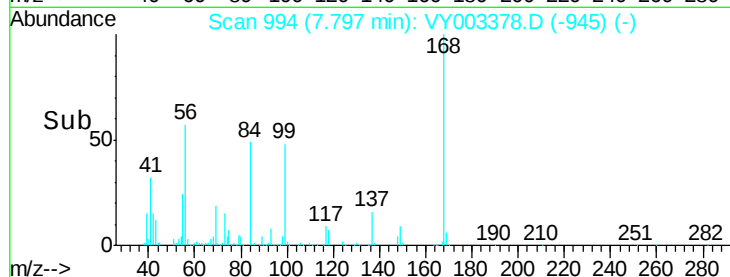
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.825 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003378.D

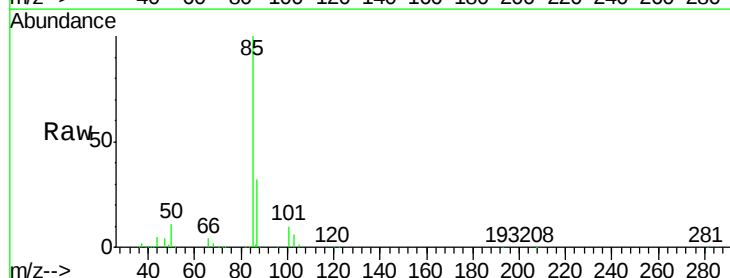
Acq: 28 Jul 2020 16:38

Tgt Ion: 85 Resp: 128506

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003378.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003378.D (-1) (-)

1.91

80000

60000

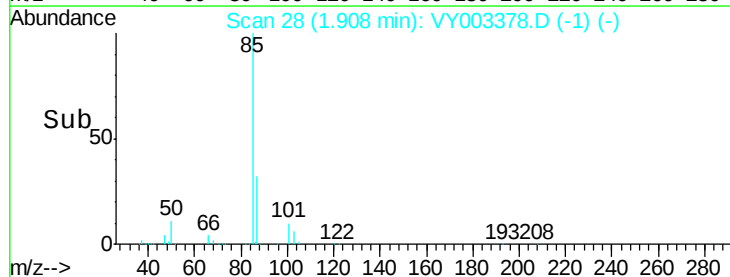
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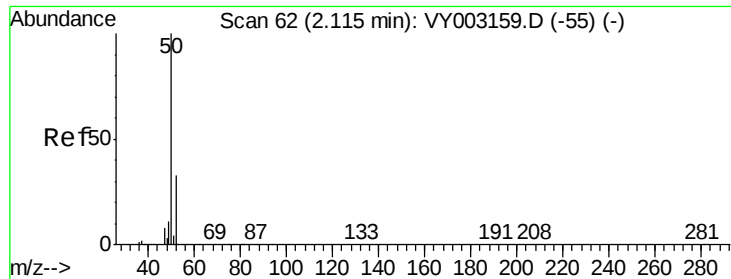
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.006 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 196069

Ion Ratio Lower Upper

50 100

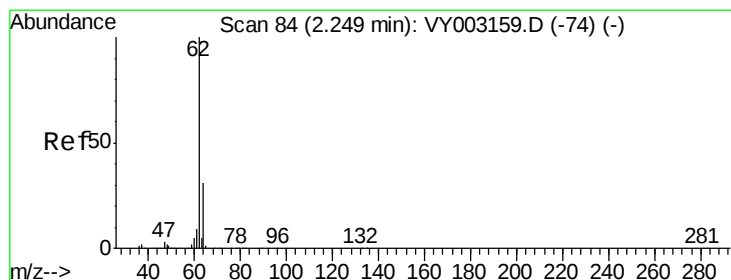
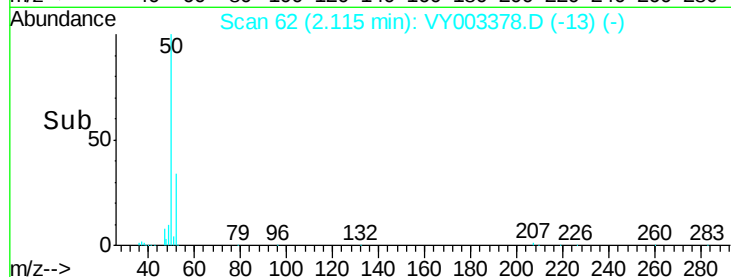
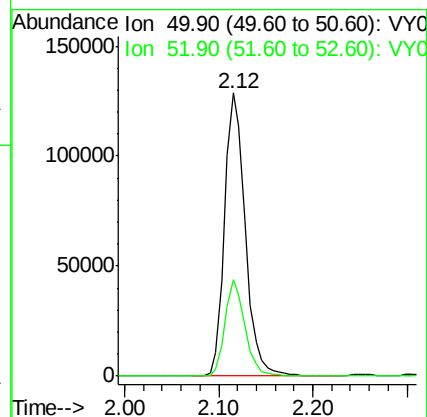
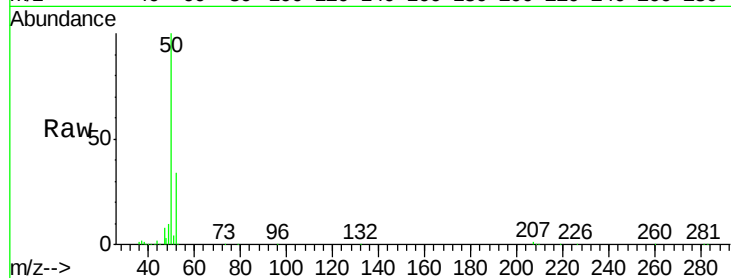
52 33.9 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.012 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003378.D

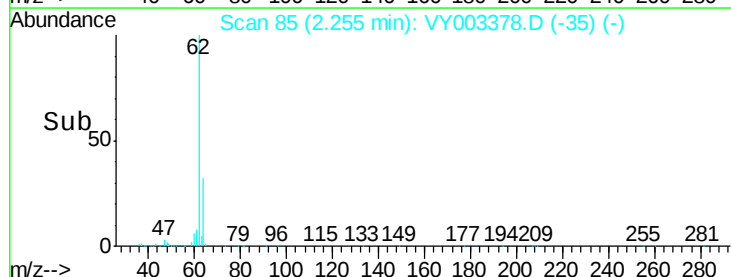
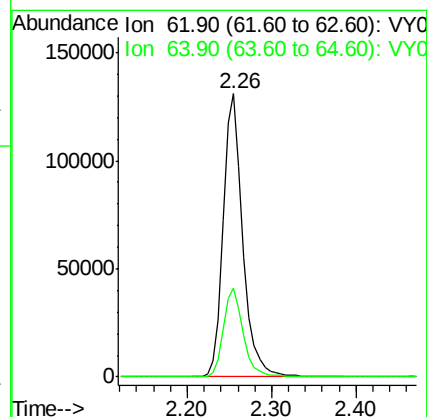
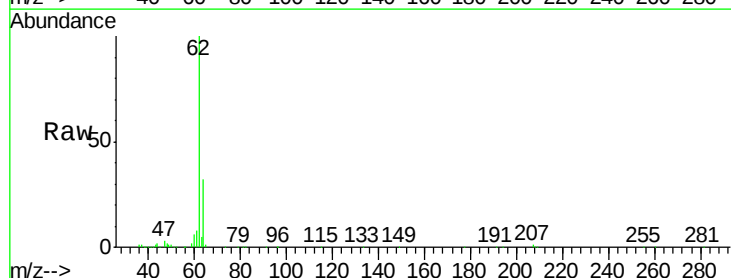
Acq: 28 Jul 2020 16:38

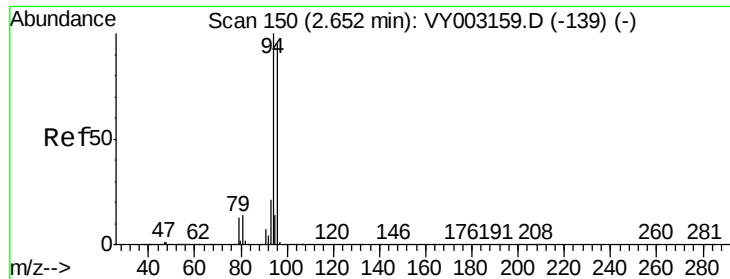
Tgt Ion: 62 Resp: 209940

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 50.562 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 164217

Ion Ratio Lower Upper

94 100

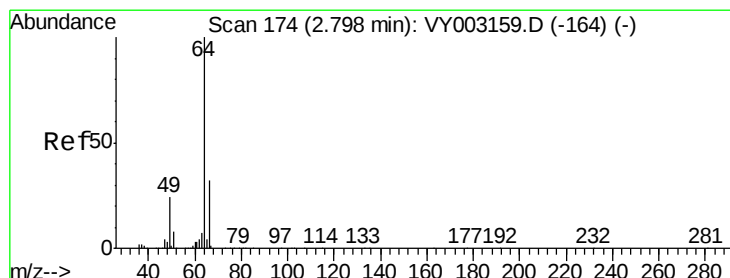
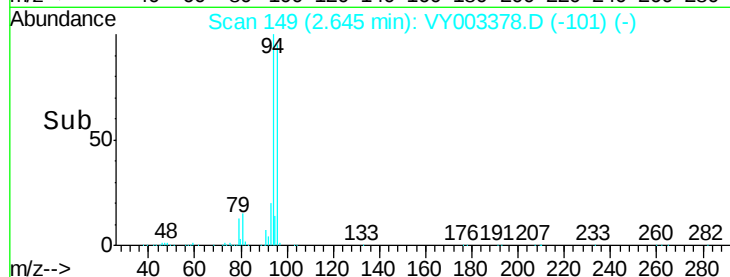
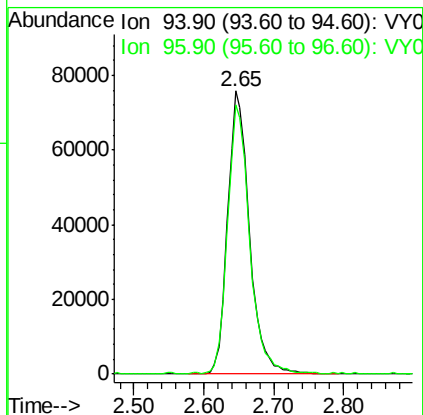
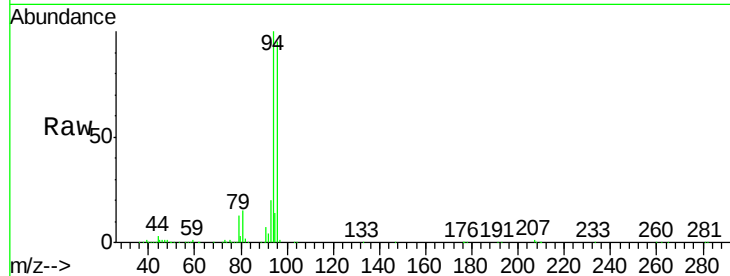
96 95.3 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 50.449 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003378.D

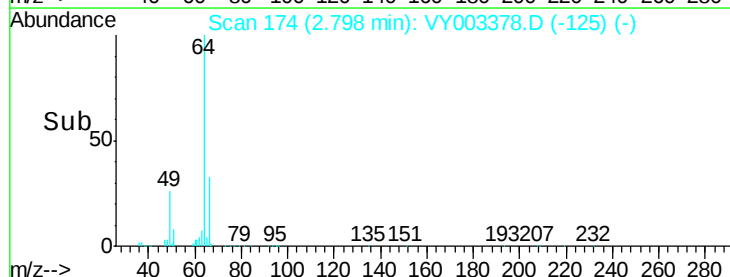
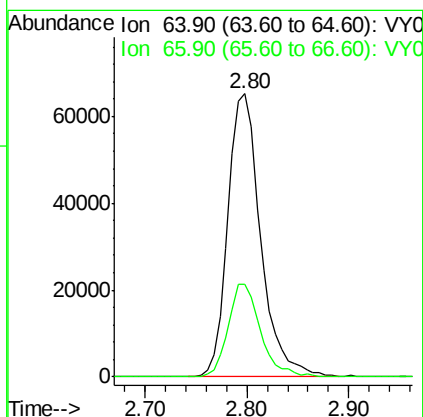
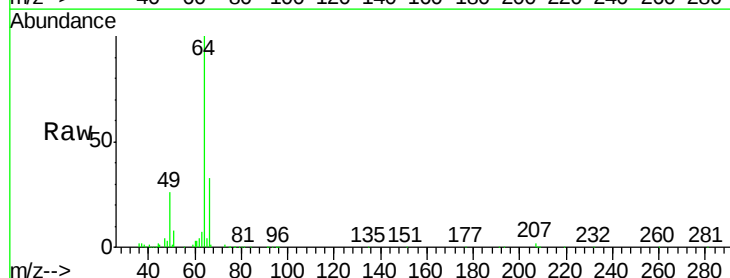
Acq: 28 Jul 2020 16:38

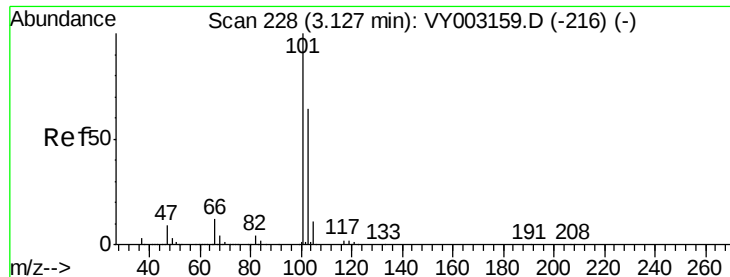
Tgt Ion: 64 Resp: 144890

Ion Ratio Lower Upper

64 100

66 32.9 26.0 39.0





#7

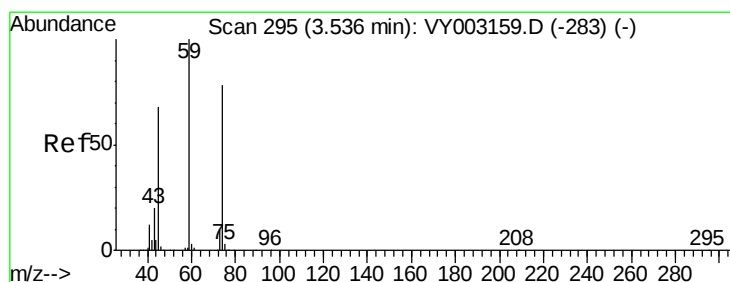
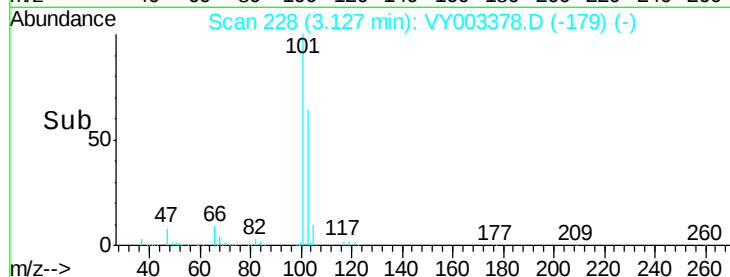
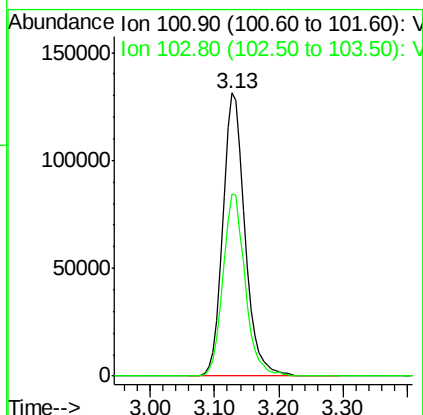
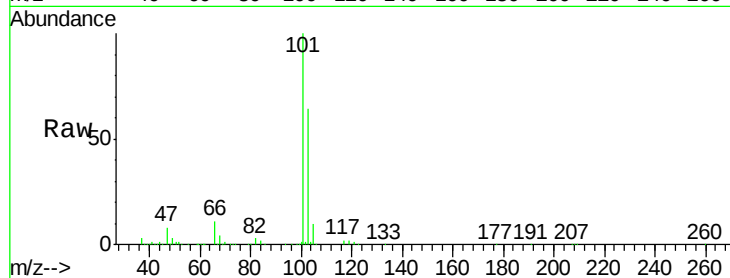
Trichlorofluoromethane
Concen: 51.053 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003378.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.3	76.9

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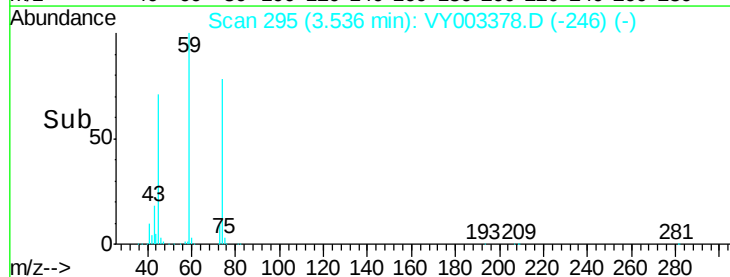
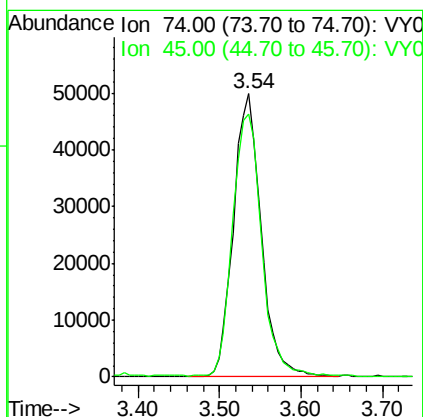
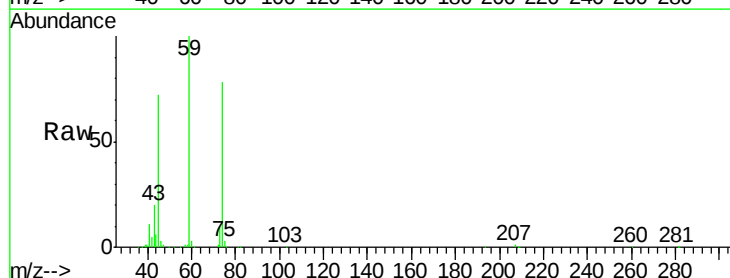
MMDadoda
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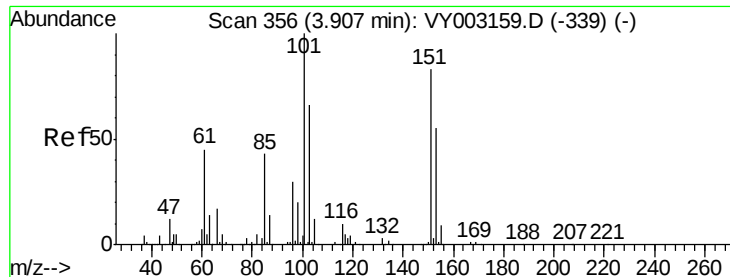


#8

Diethyl Ether
Concen: 55.917 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.514 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

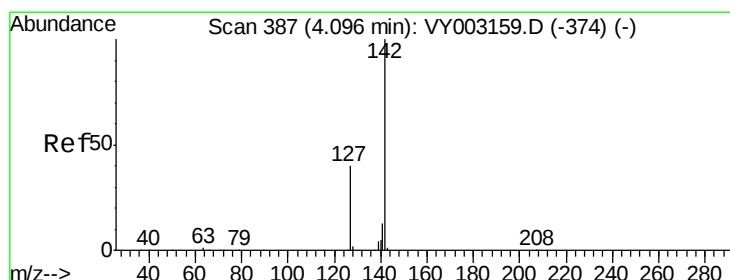
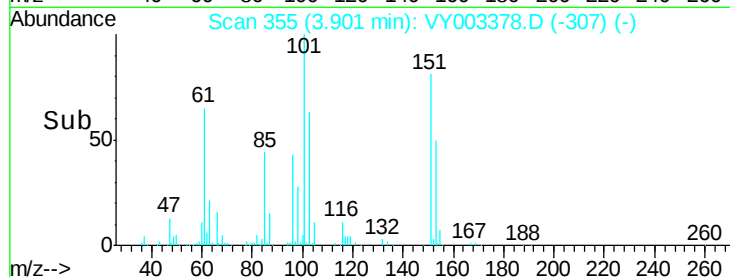
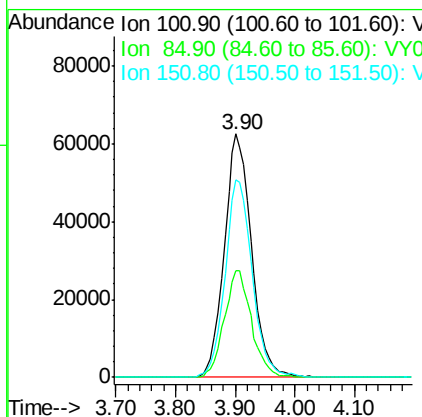
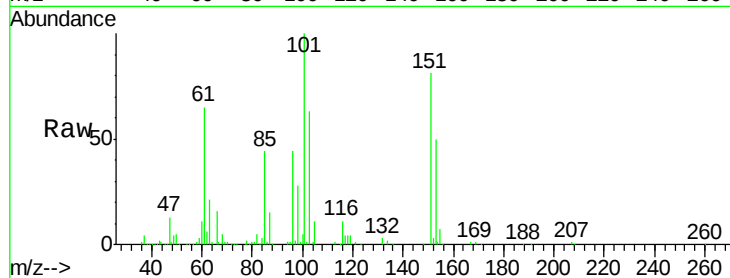
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	198055
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.9	52.3
151	81.1	67.0	100.6

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#10

Methyl Iodide

Concen: 51.000 ug/l

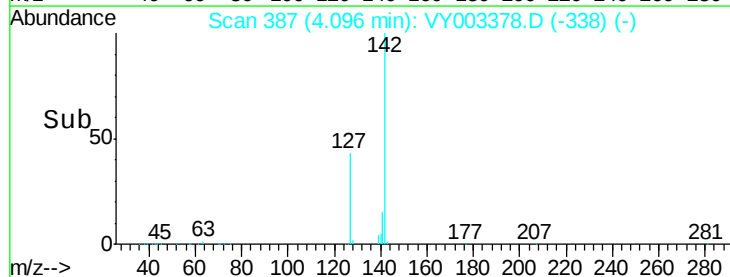
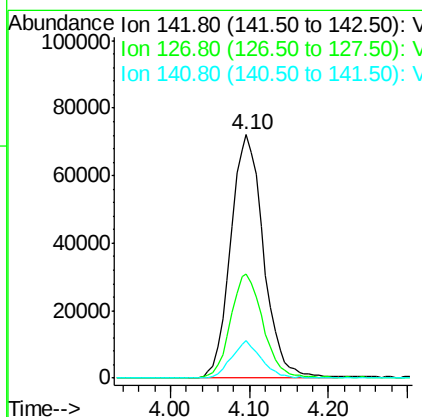
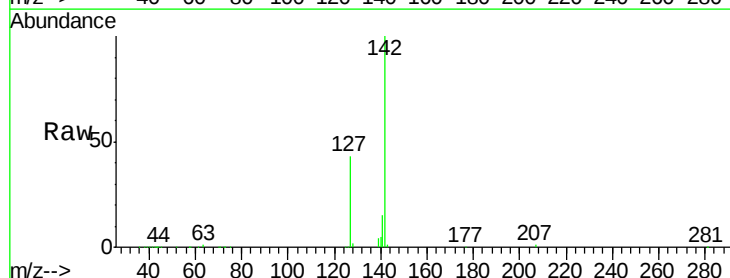
RT: 4.10 min Scan# 387

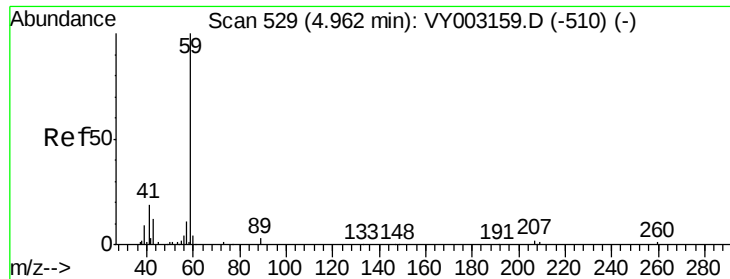
Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Tgt Ion:	142	Resp:	208970
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.5	50.3
141	14.1	11.2	16.8





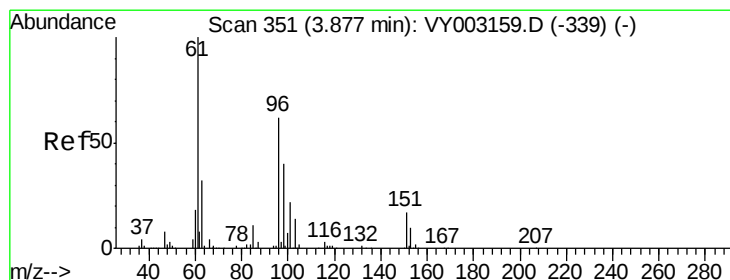
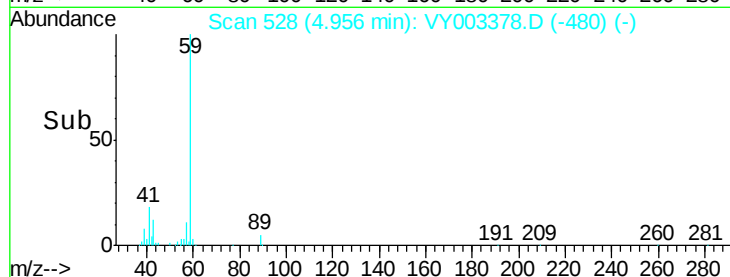
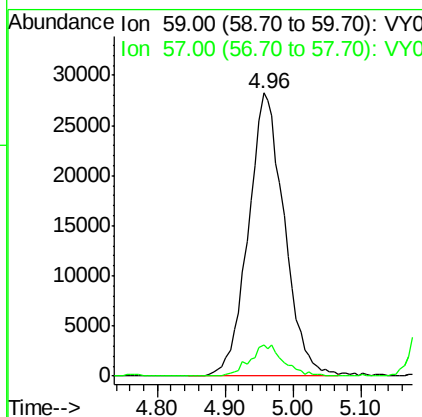
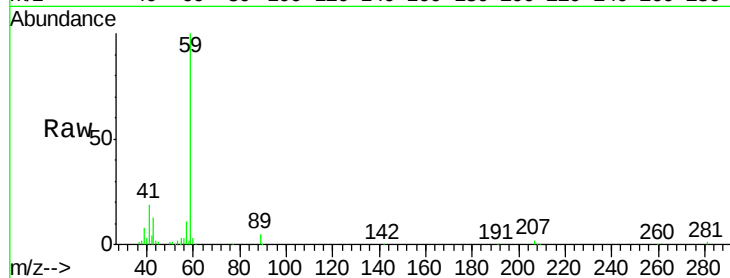
#11
Tert butyl alcohol
Concen: 265.215 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

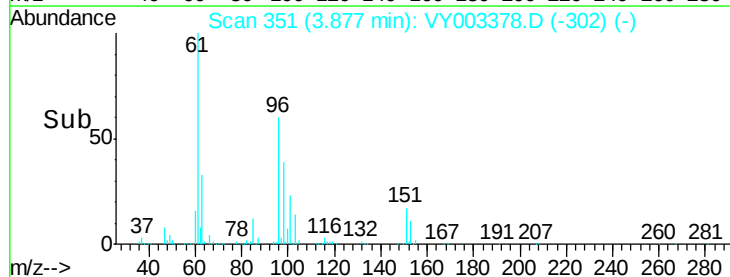
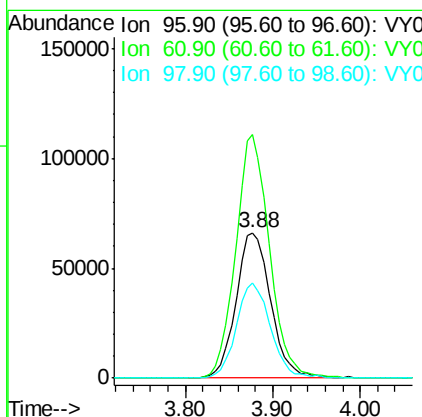
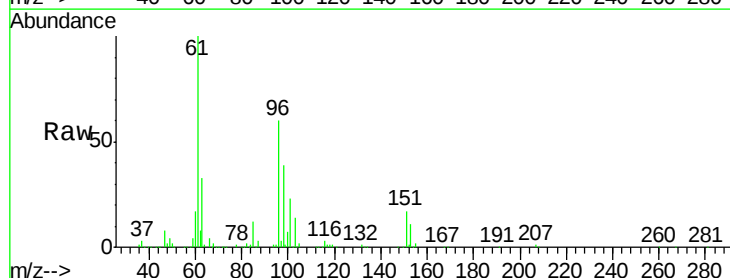
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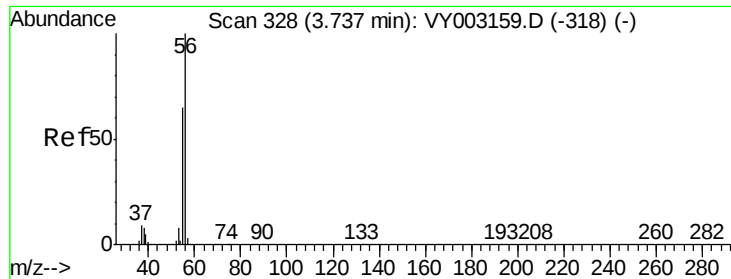
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.118 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.2	128.6	193.0
98	65.0	51.6	77.4





#13

Acrolein

Concen: 197.047 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 66915

Ion Ratio Lower Upper

56 100

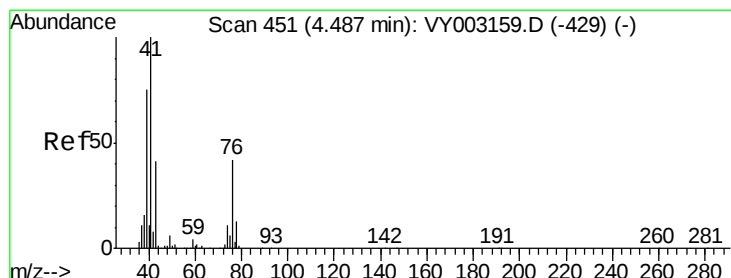
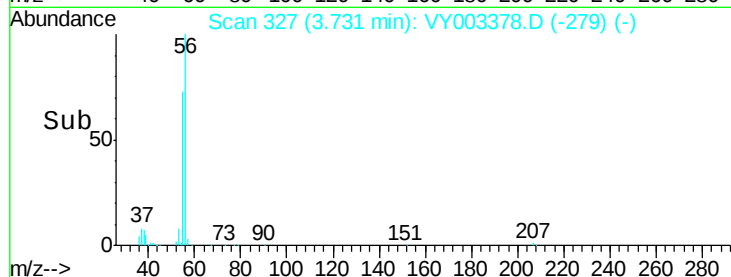
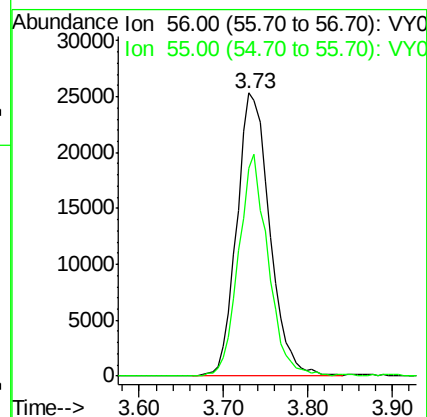
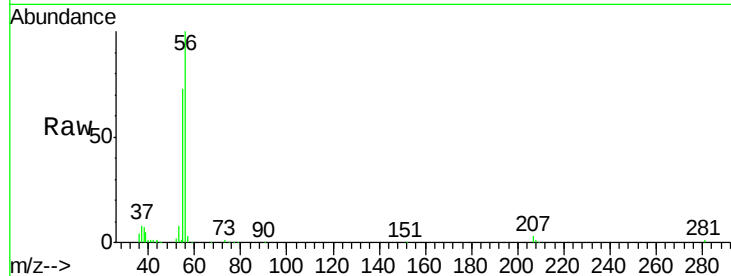
55 70.3 56.0 84.0

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#14

Allyl chloride

Concen: 59.259 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

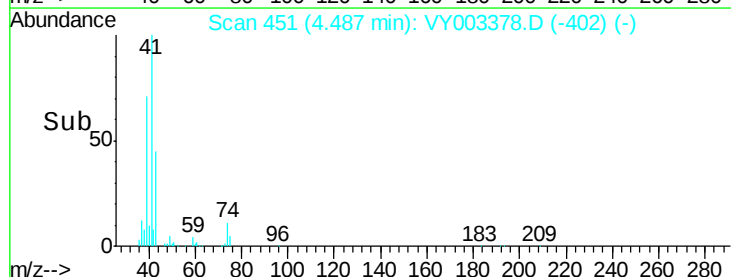
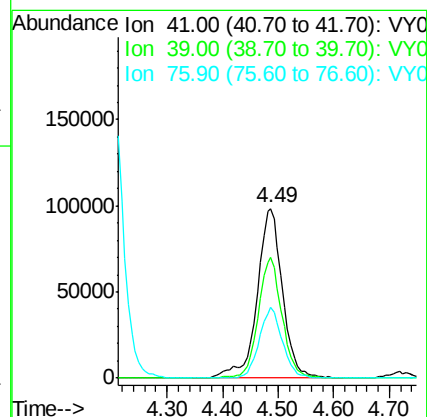
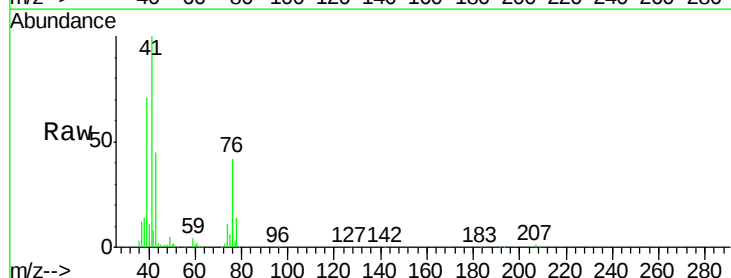
Tgt Ion: 41 Resp: 313667

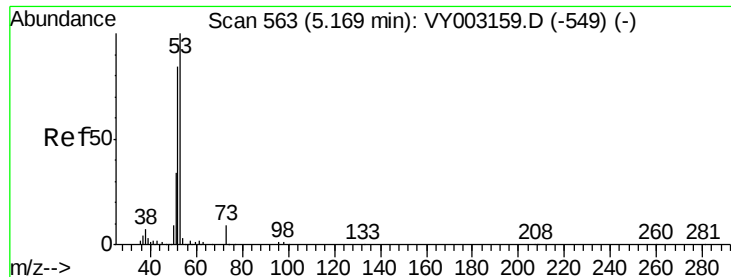
Ion Ratio Lower Upper

41 100

39 66.8 56.6 85.0

76 38.1 31.6 47.4





#15

Acrylonitrile

Concen: 300.523 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

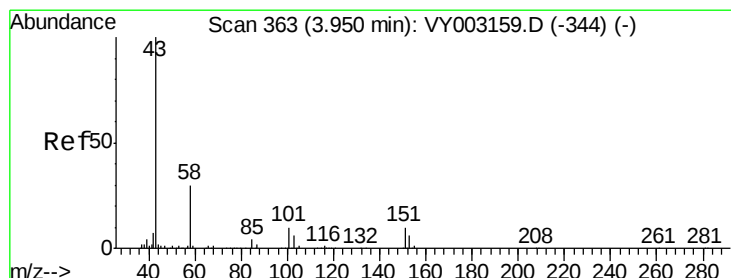
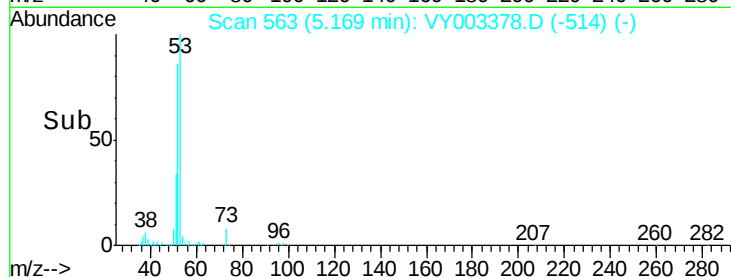
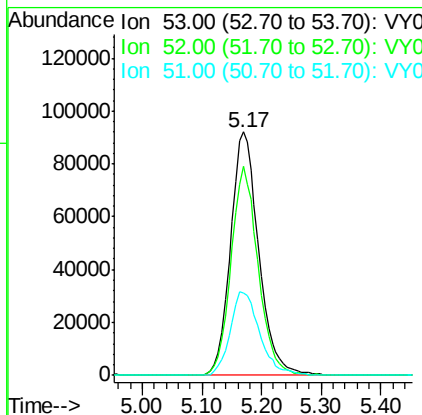
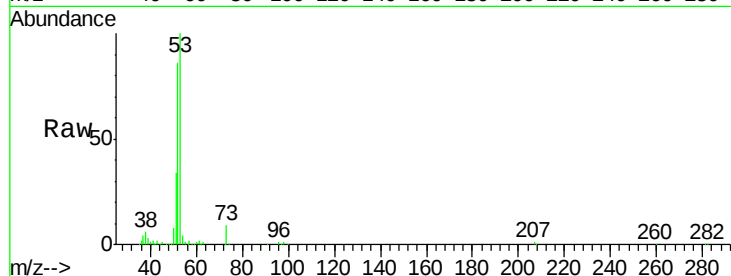
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	302077
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	36.2	29.0	43.4

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#16

Acetone

Concen: 283.262 ug/l

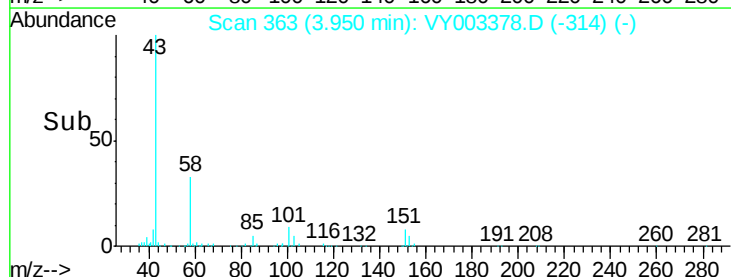
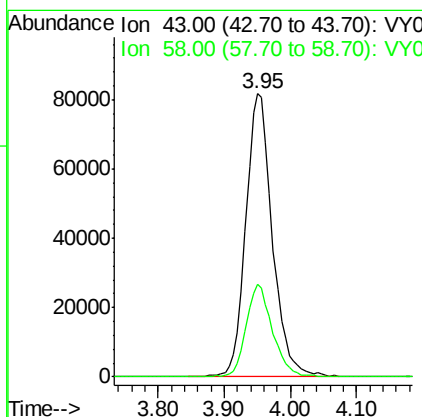
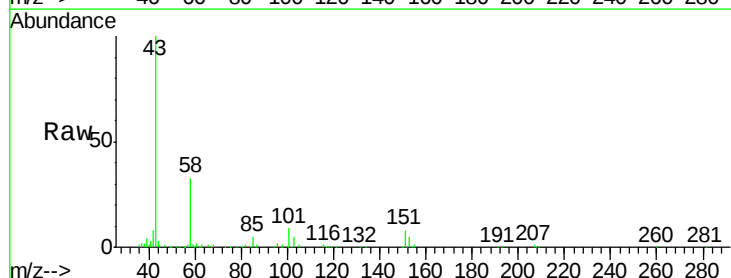
RT: 3.95 min Scan# 363

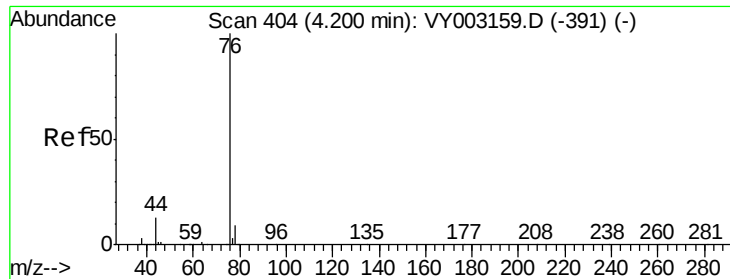
Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Tgt Ion:	43	Resp:	228933
Ion	Ratio	Lower	Upper
43	100		
58	32.5	23.8	35.6





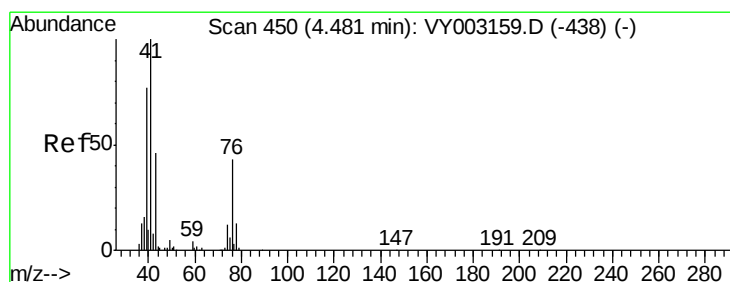
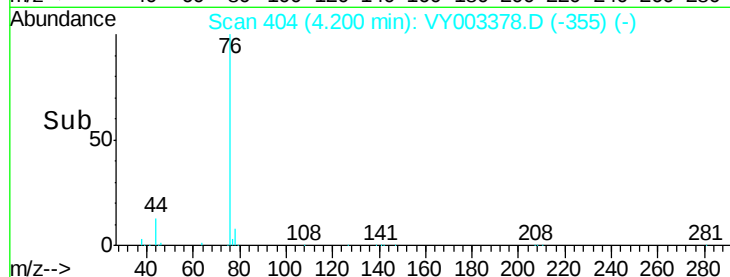
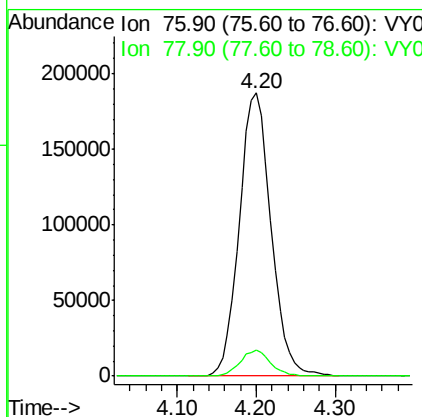
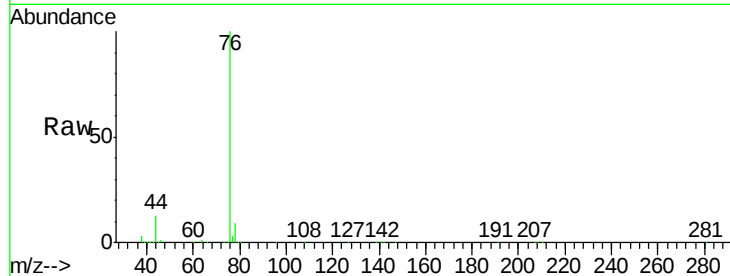
#17
Carbon Disulfide
Concen: 47.833 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 523587
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

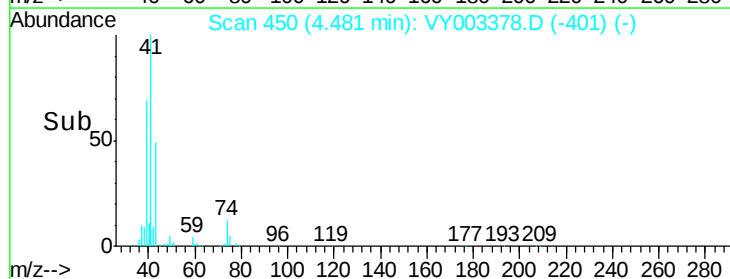
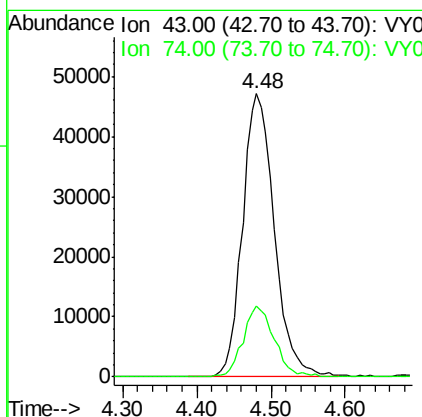
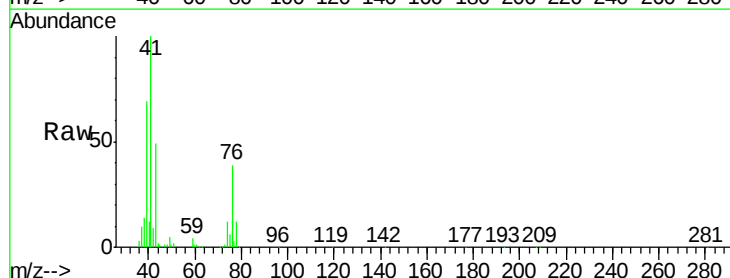
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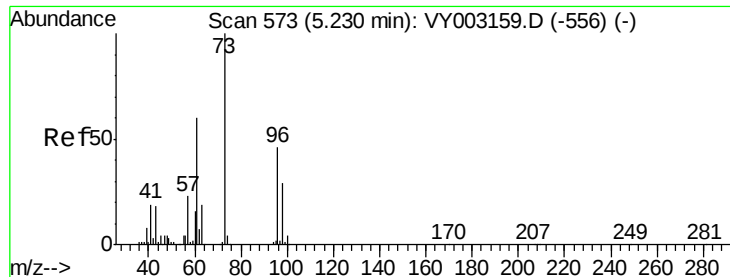
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#18
Methyl Acetate
Concen: 62.871 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 43 Resp: 141113
Ion Ratio Lower Upper
43 100
74 24.7 20.8 31.2





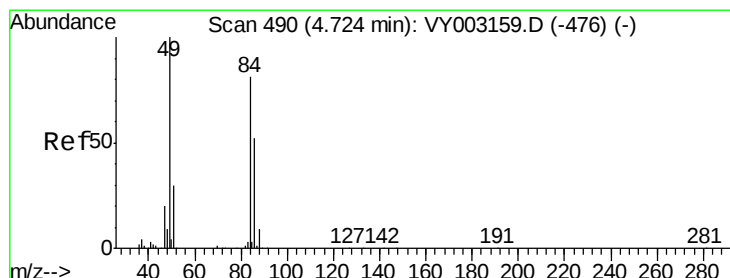
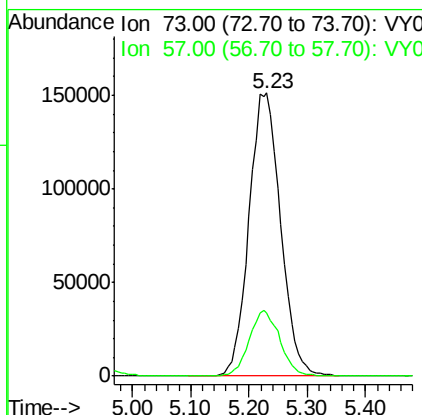
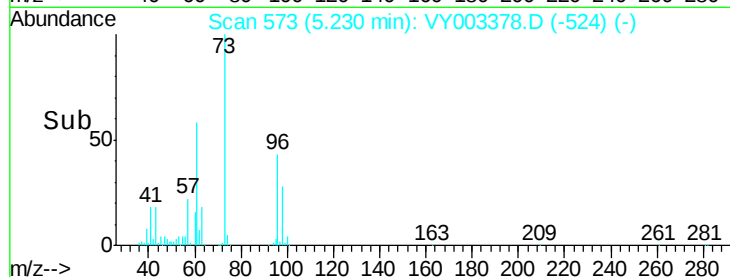
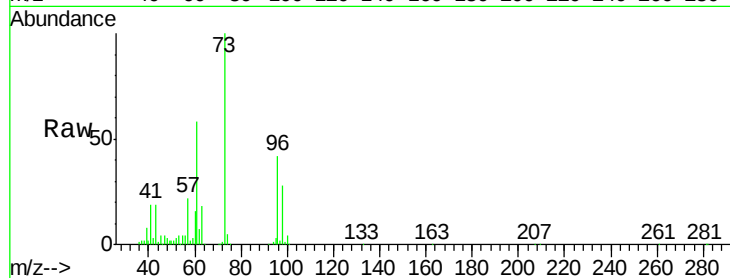
#19
Methyl tert-butyl Ether
Concen: 57.040 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 570213
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

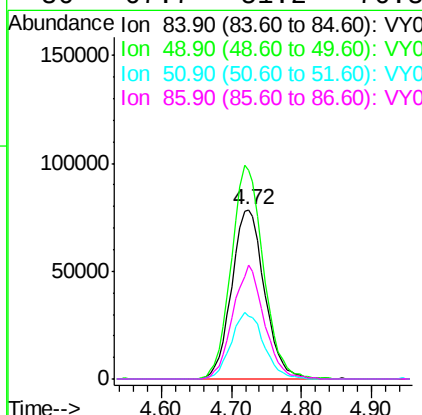
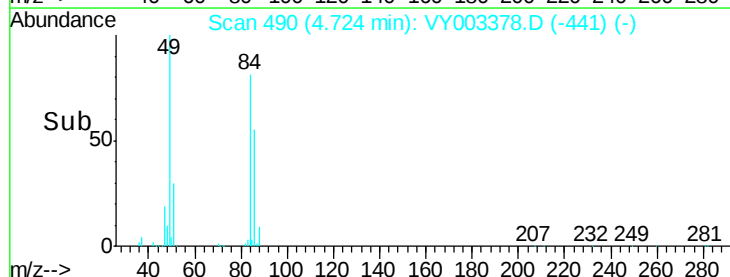
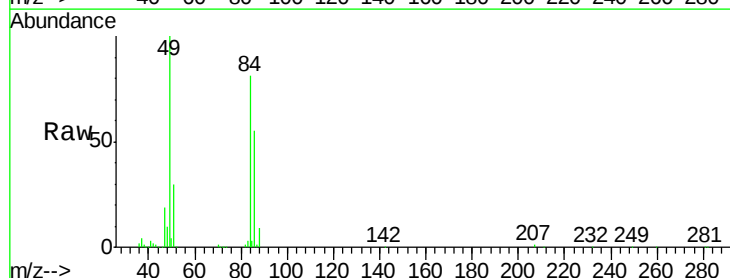
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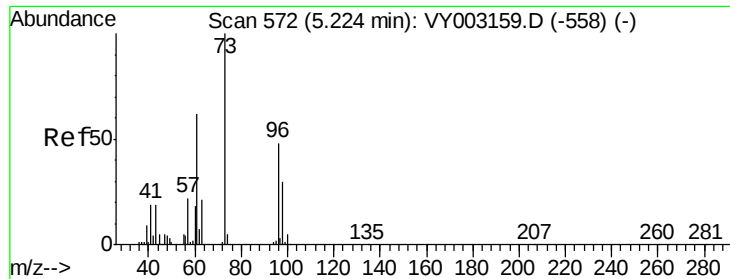
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#20
Methylene Chloride
Concen: 64.512 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 84 Resp: 255846
Ion Ratio Lower Upper
84 100
49 123.3 98.2 147.4
51 37.4 29.8 44.6
86 67.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 52.554 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

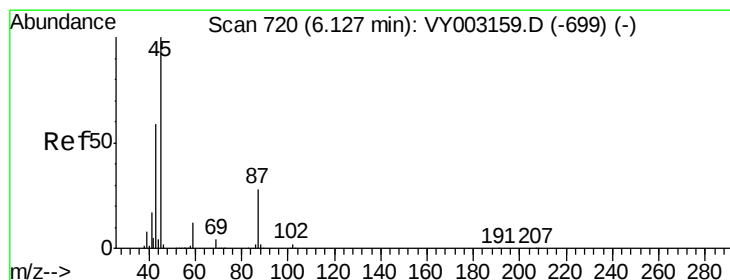
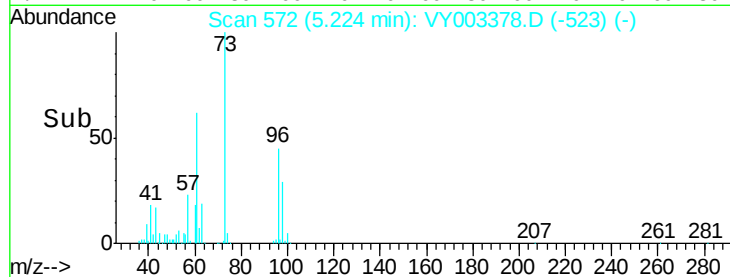
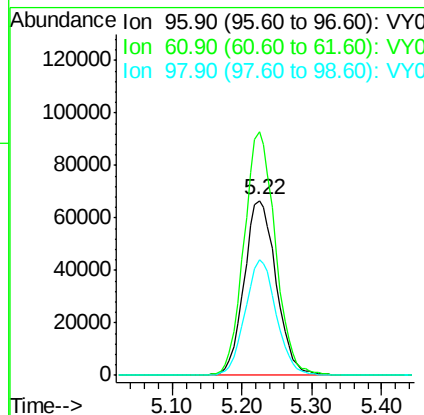
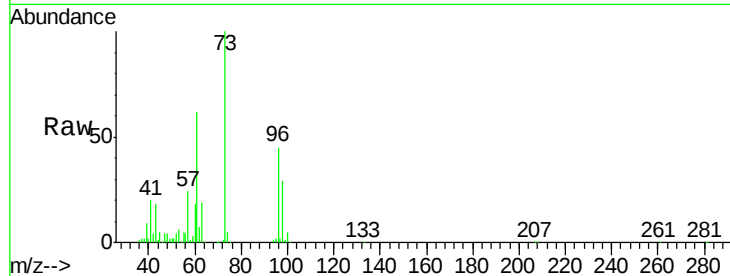
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	212040
Ion	Ratio	Lower	Upper
96	100		
61	139.3	102.5	153.7
98	66.0	49.8	74.8

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#22

Diisopropyl ether

Concen: 61.701 ug/l

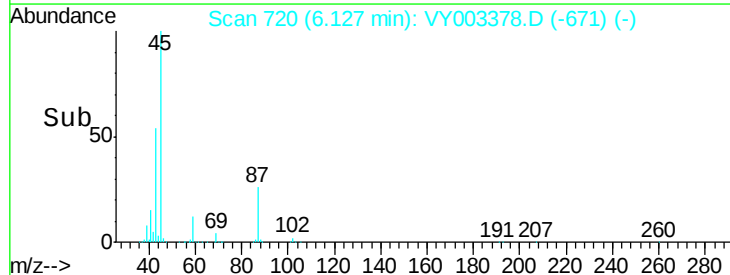
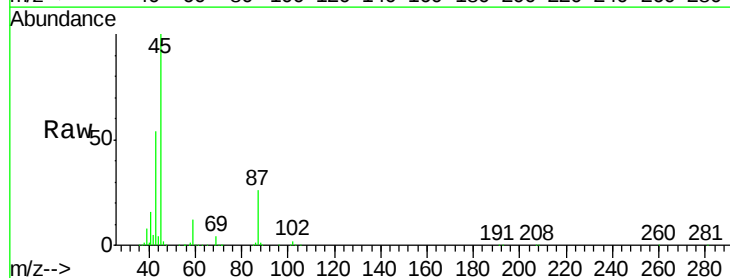
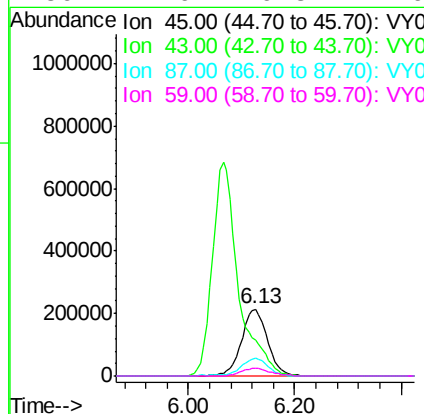
RT: 6.13 min Scan# 720

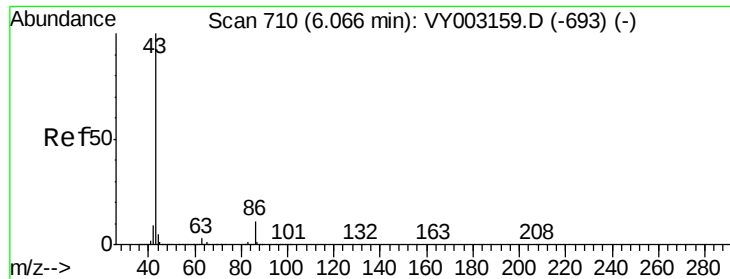
Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Tgt Ion:	45	Resp:	724833
Ion	Ratio	Lower	Upper
45	100		
43	53.7	47.0	70.4
87	26.2	22.6	33.8
59	11.6	9.8	14.6





#23

Vinyl Acetate

Concen: 295.534 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2314010

Ion Ratio Lower Upper

43 100

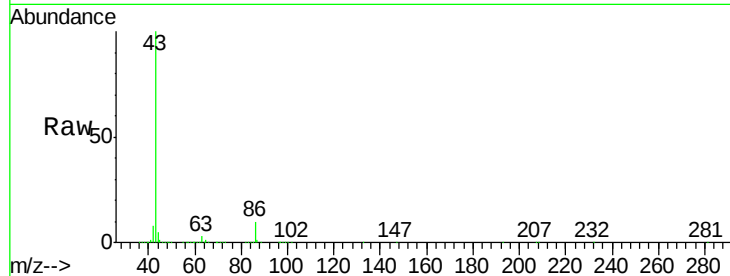
86 10.3 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

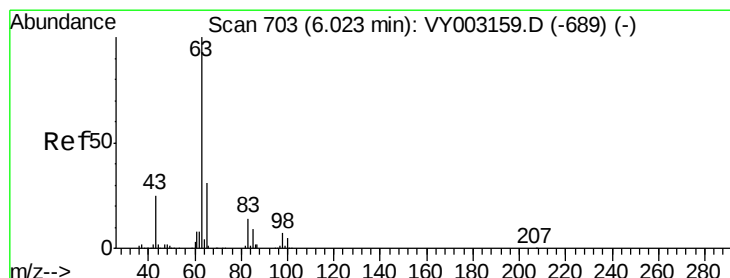
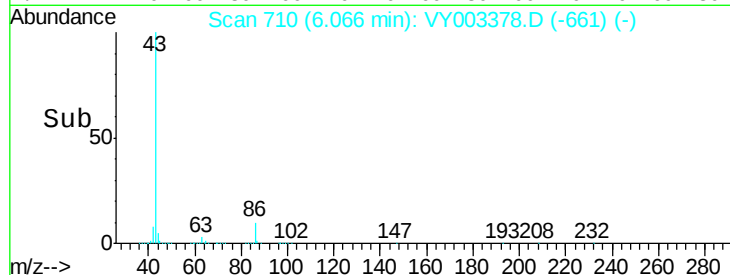
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 58.402 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

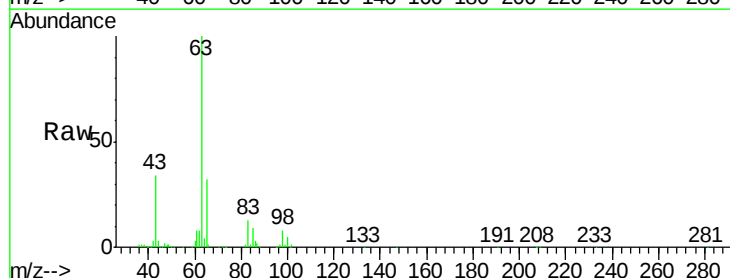
Tgt Ion: 63 Resp: 397472

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

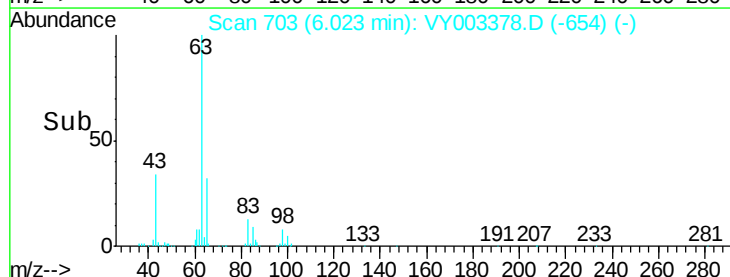
150000

100000

50000

0

Time-->





#25

2-Butanone

Concen: 292.904 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 388681

Ion Ratio Lower Upper

43 100

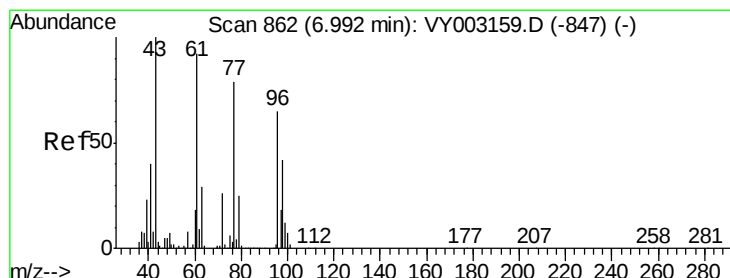
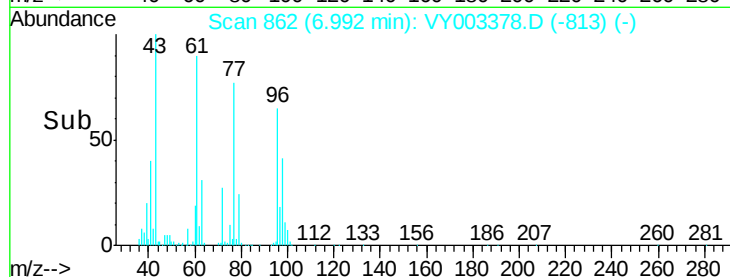
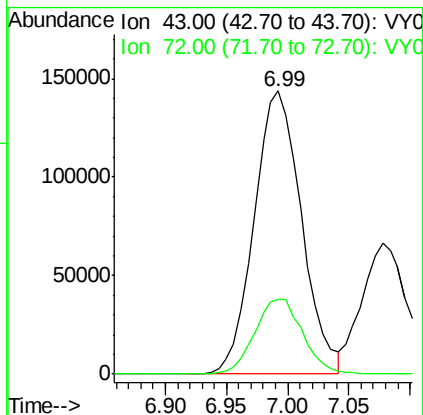
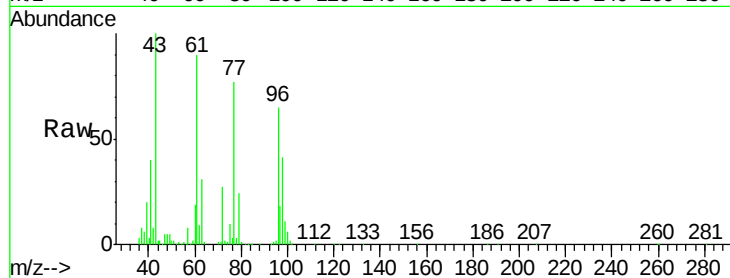
72 26.5 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 56.670 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003378.D

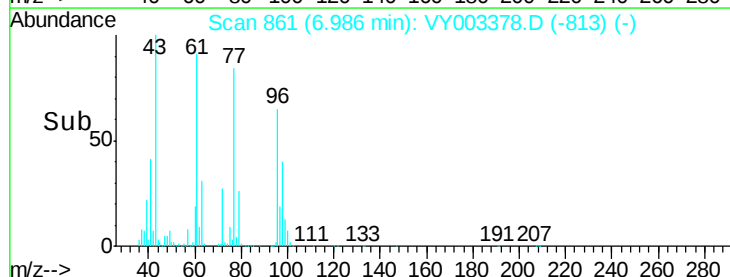
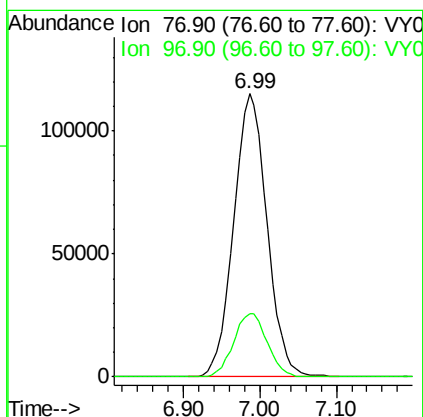
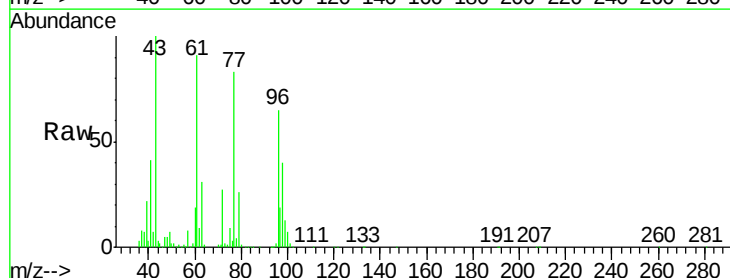
Acq: 28 Jul 2020 16:38

Tgt Ion: 77 Resp: 347339

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7





#27

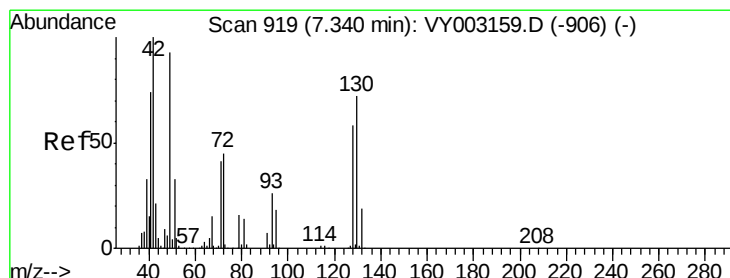
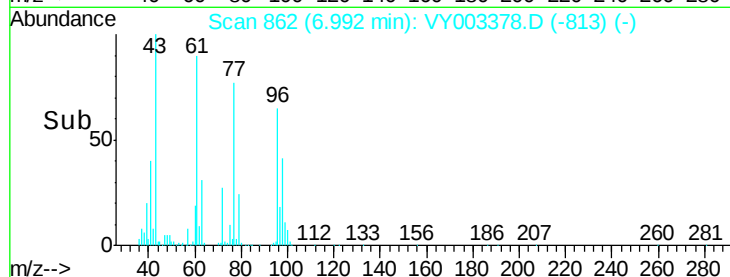
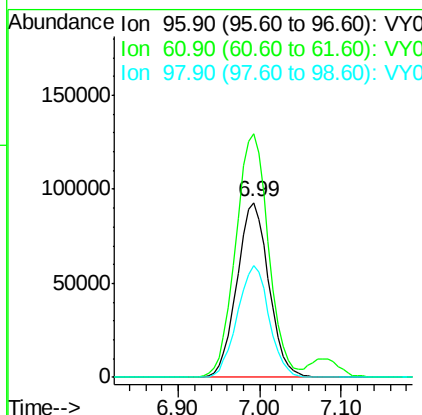
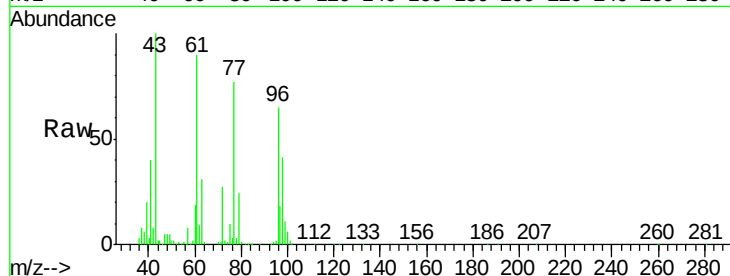
cis-1,2-Dichloroethene
Concen: 56.683 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	251800		
61	143.2	0.0	281.2	
98	63.8	0.0	129.8	

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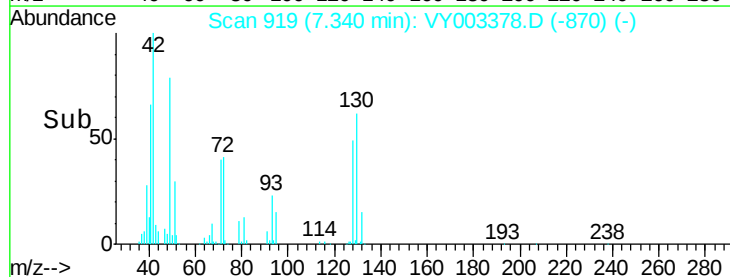
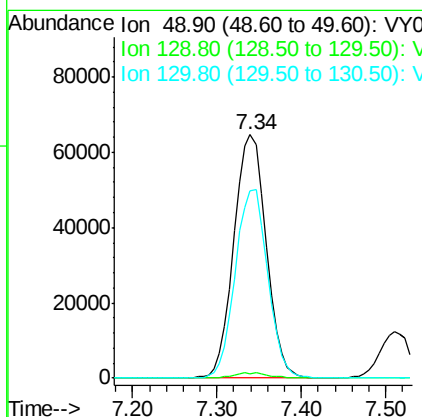
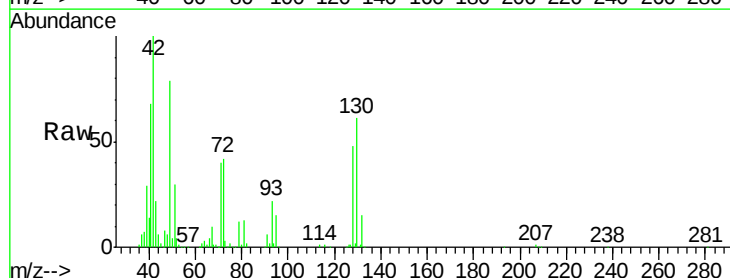
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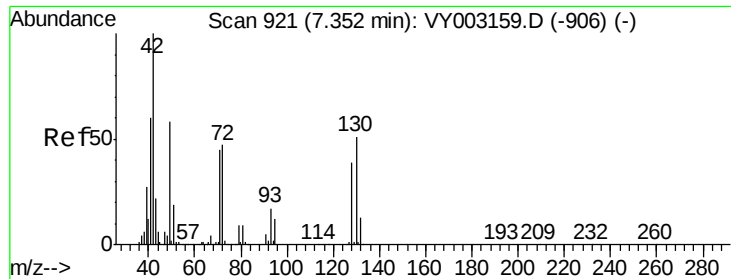


#28

Bromochloromethane
Concen: 56.932 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	167756		
129	2.3	0.0	5.0	
130	77.8	64.9	97.3	





#29

Tetrahydrofuran

Concen: 294.226 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 262288
Ion Ratio Lower Upper

42 100

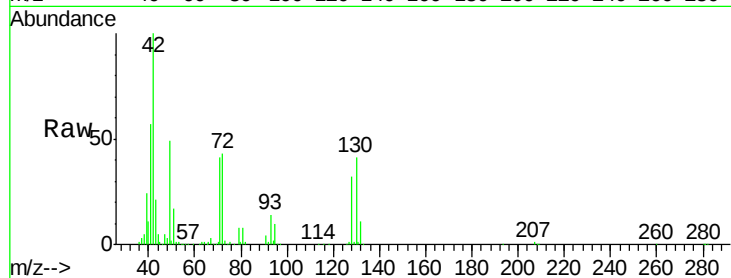
72 43.0 36.7 55.1

71 40.3 34.2 51.4

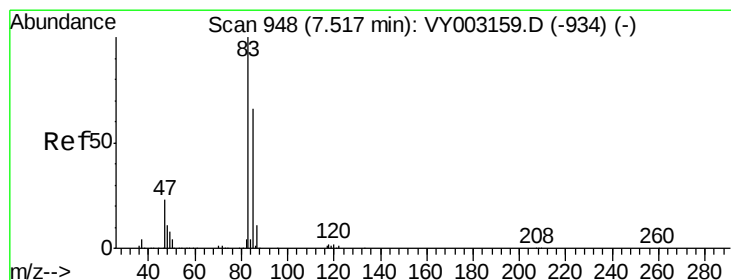
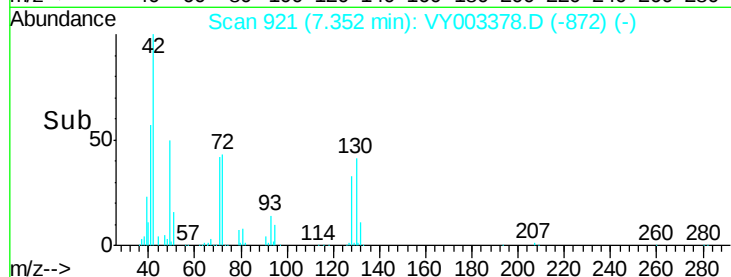
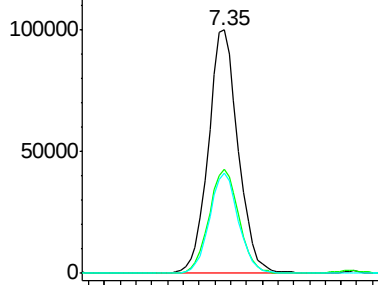
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Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 57.729 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

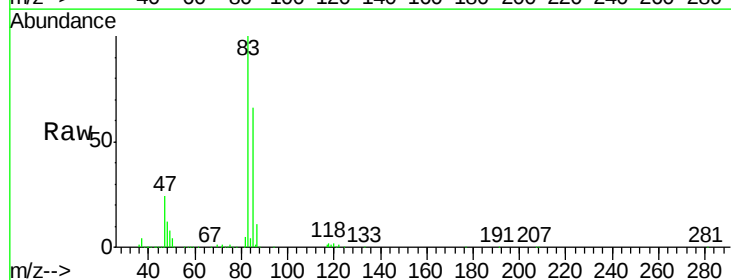
Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

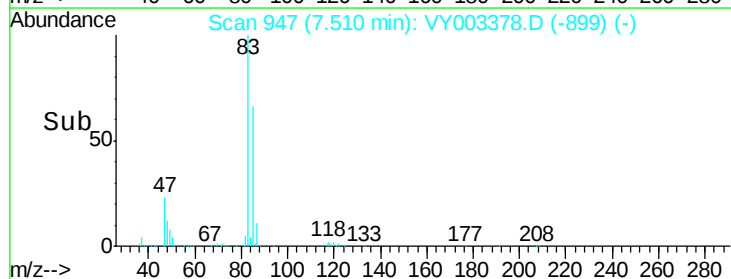
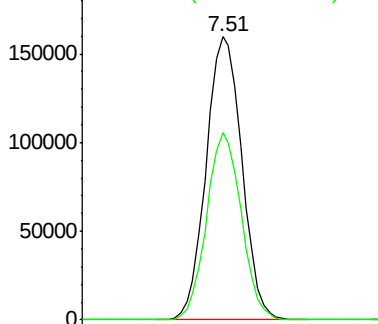
Tgt Ion: 83 Resp: 404661
Ion Ratio Lower Upper

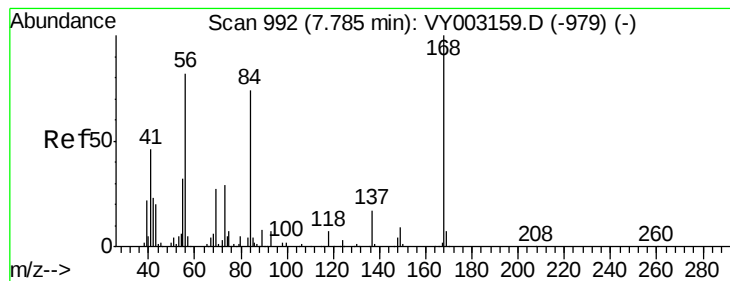
83 100

85 66.4 52.6 78.8



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





#31

Cyclohexane

Concen: 50.602 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 333021
Ion Ratio Lower Upper

56 100

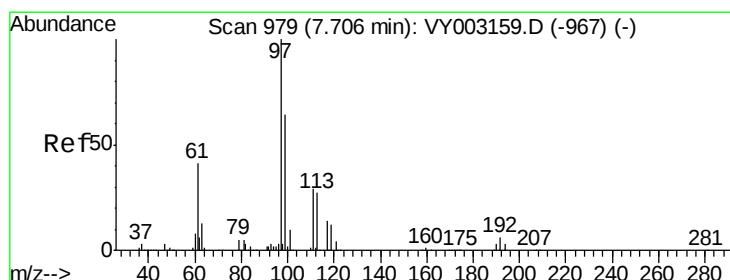
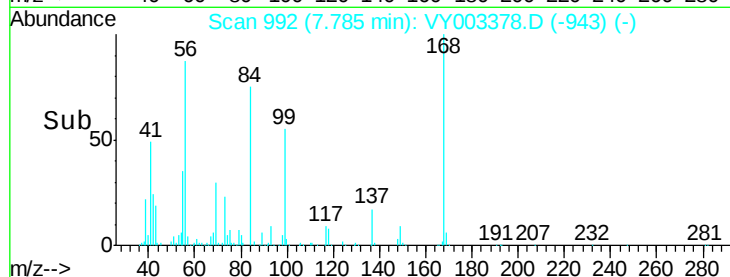
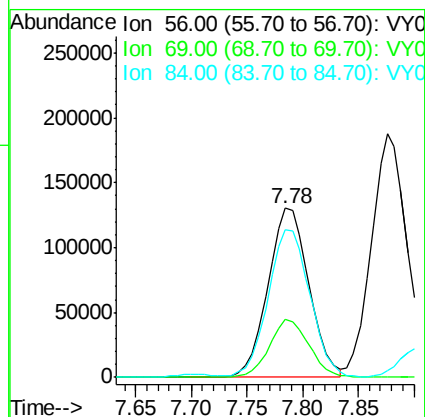
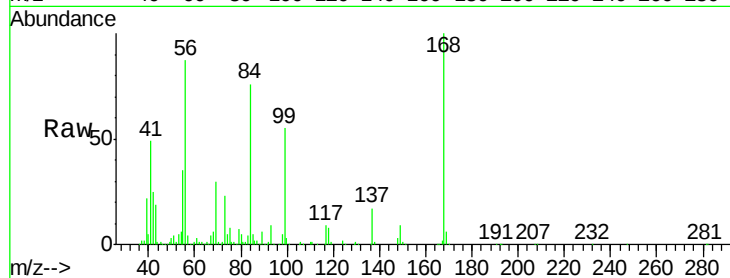
69 34.1 26.7 40.1

84 85.8 72.3 108.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 56.323 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003378.D

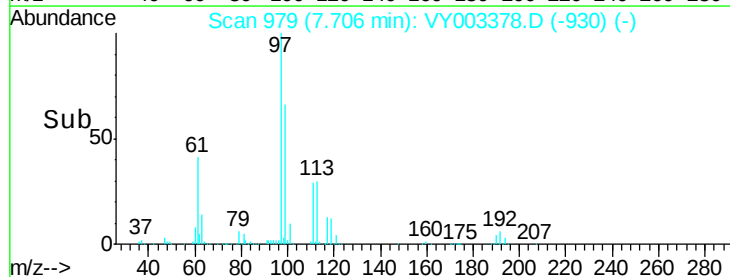
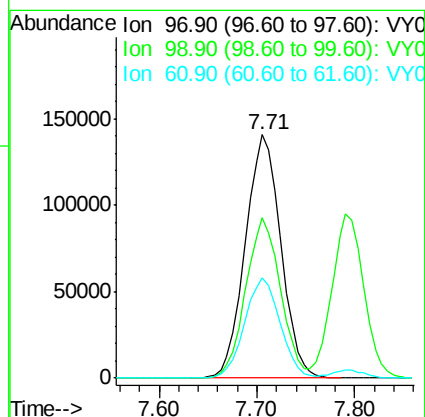
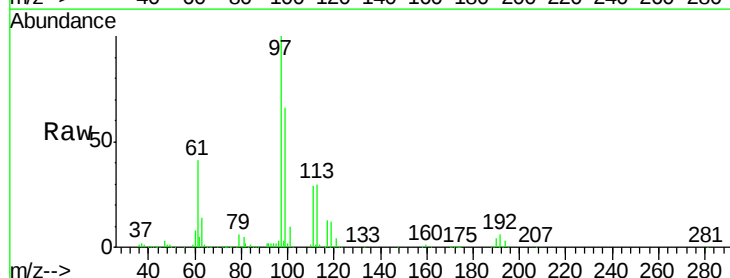
Acq: 28 Jul 2020 16:38

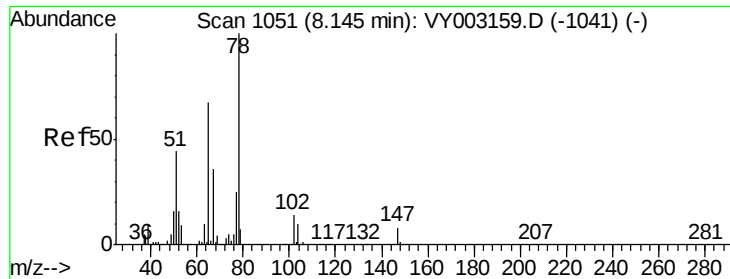
Tgt Ion: 97 Resp: 355426
Ion Ratio Lower Upper

97 100

99 64.9 52.1 78.1

61 41.3 33.9 50.9





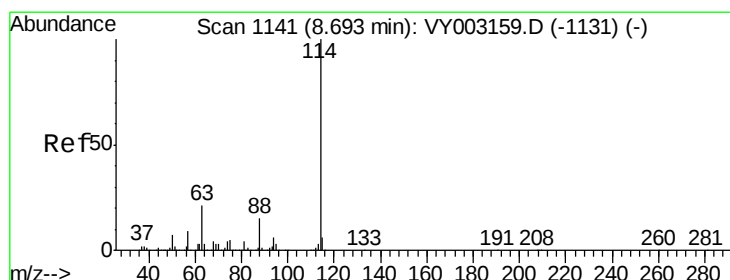
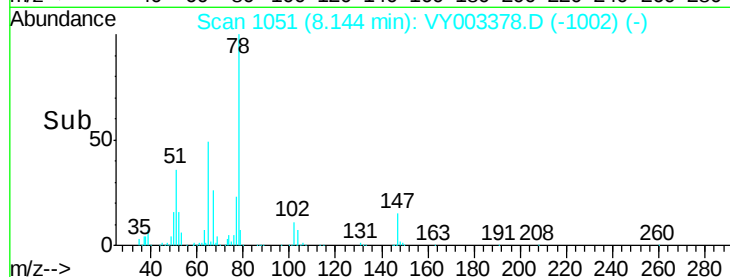
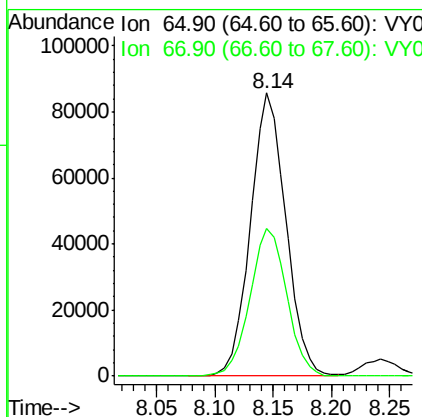
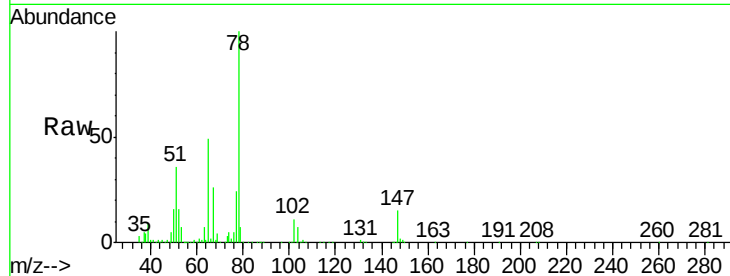
#33
 1,2-Dichloroethane-d4
 Concen: 50.323 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	182081		
67	54.3	0.0	105.2	

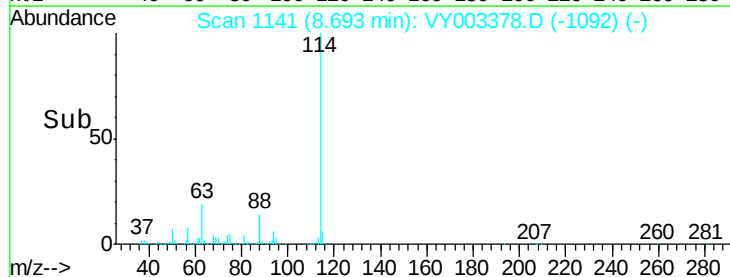
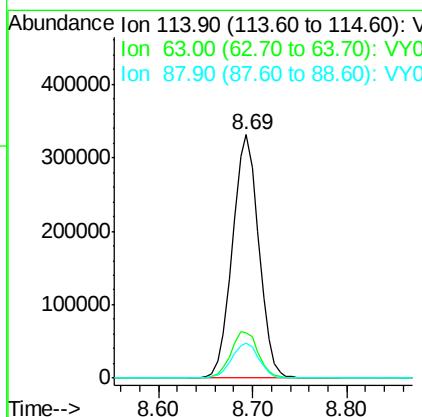
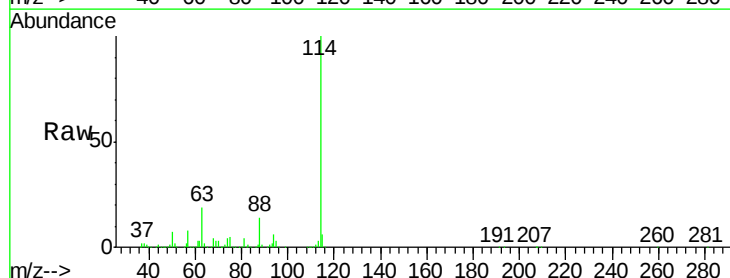
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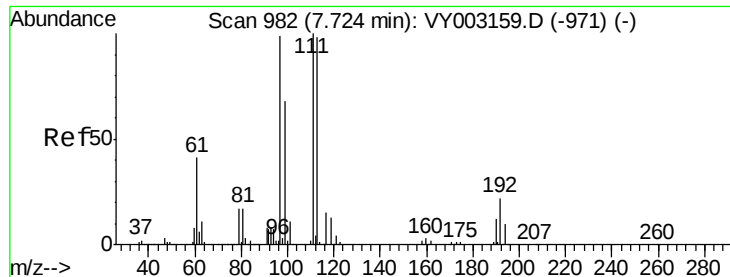
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	643468		
63	18.7	0.0	41.2	
88	14.5	0.0	30.2	





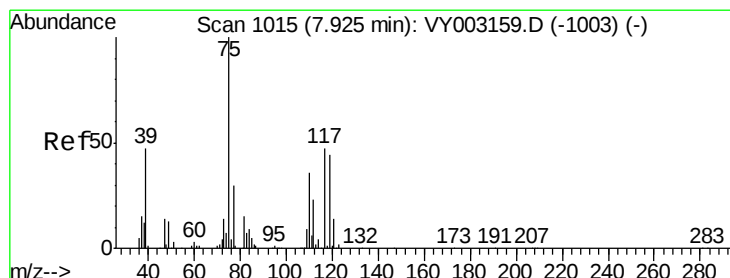
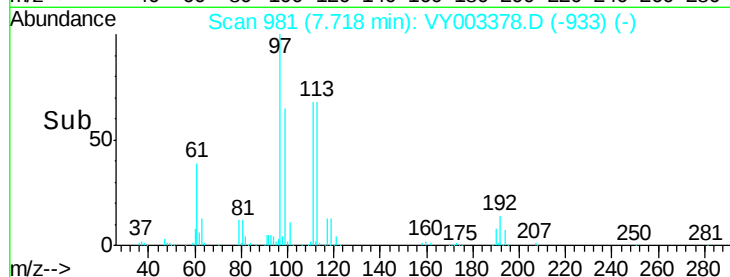
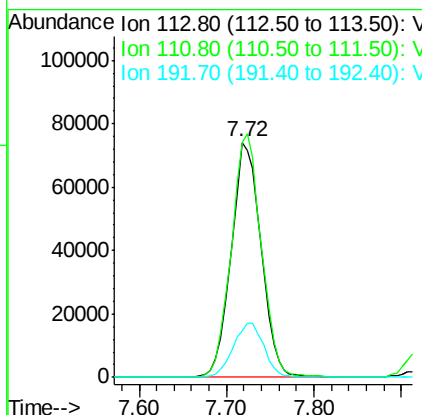
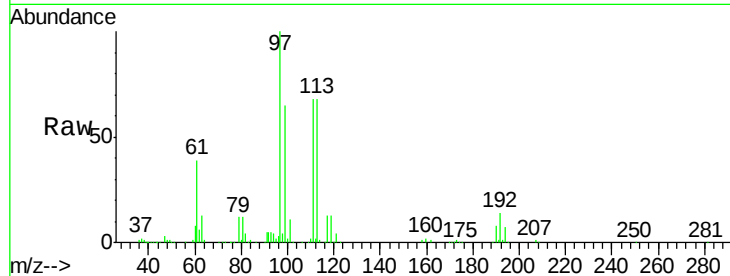
#35
 Dibromofluoromethane
 Concen: 47.539 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	176038		
111	104.2	82.1	123.1	
192	23.8	18.8	28.2	

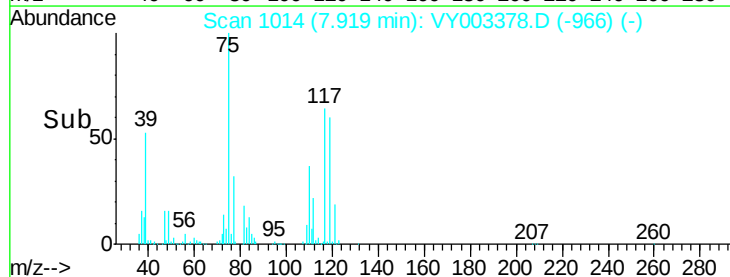
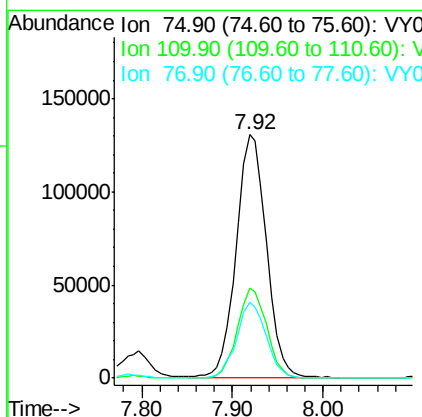
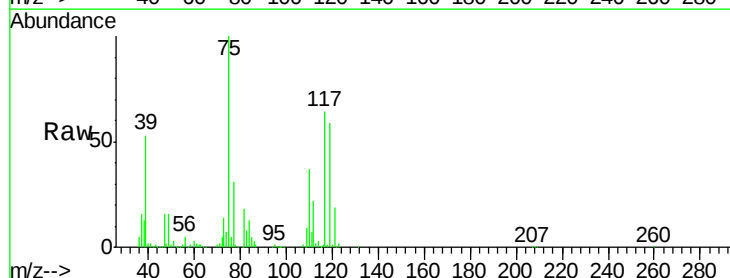
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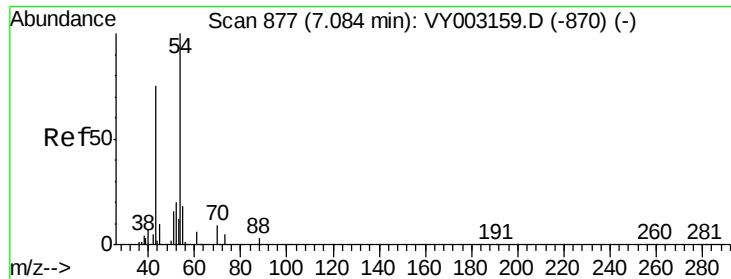
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#36
 1,1-Dichloropropene
 Concen: 51.424 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	299904		
110	36.1	18.1	54.1	
77	30.9	24.8	37.2	





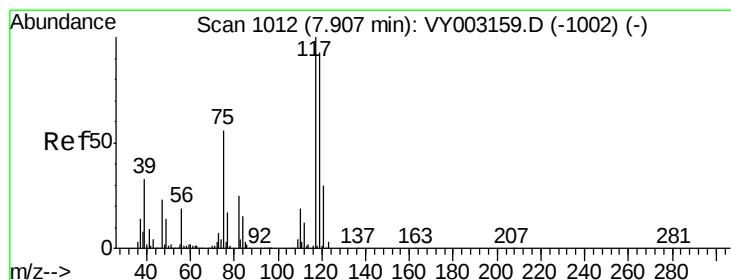
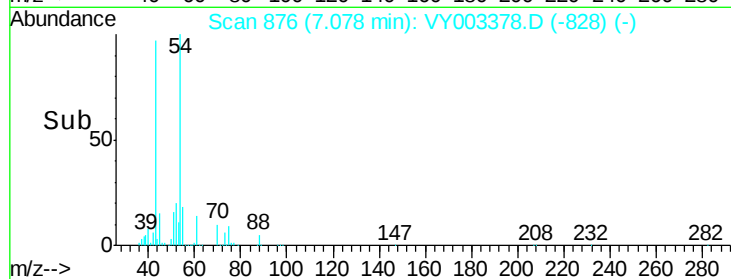
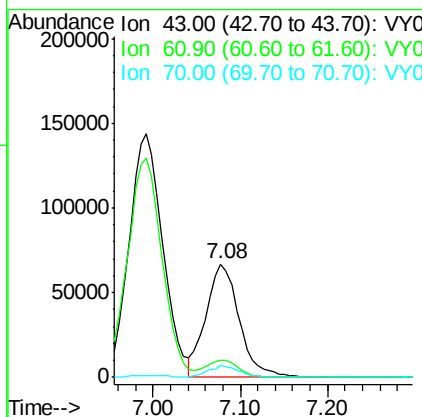
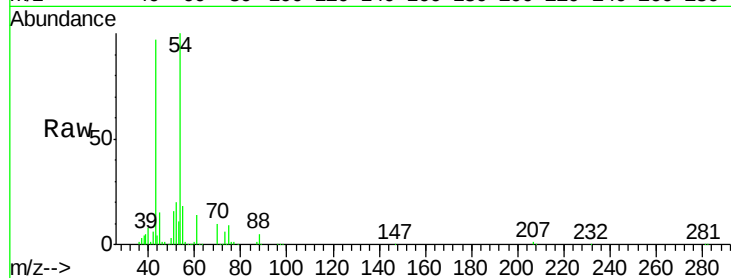
#37
Ethyl Acetate
Concen: 56.258 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.8	17.6
70	9.8	8.6	13.0

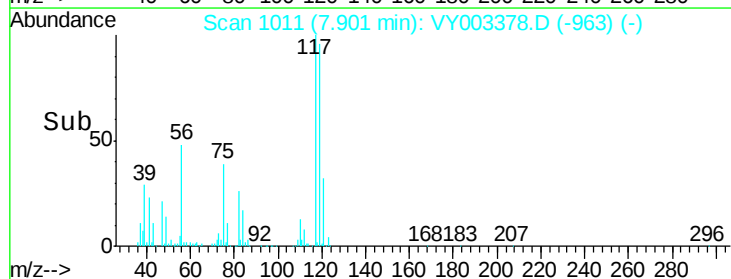
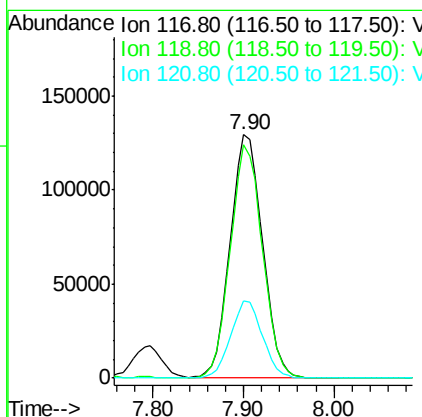
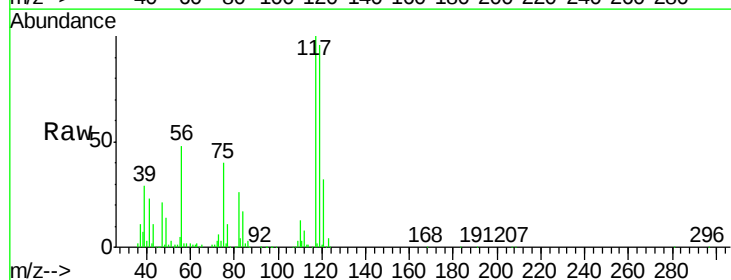
Manual Integrations
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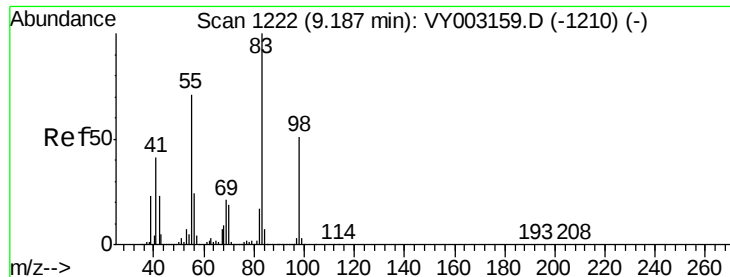
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#38
Carbon Tetrachloride
Concen: 53.454 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.5	111.7
121	31.9	24.2	36.2





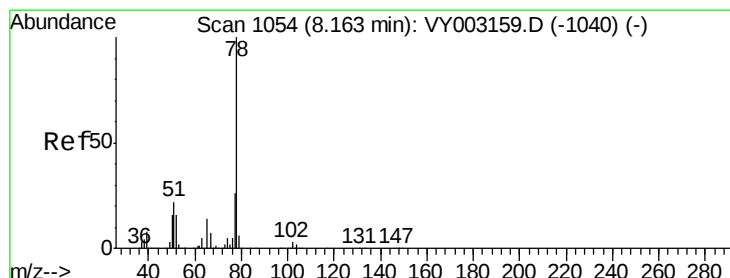
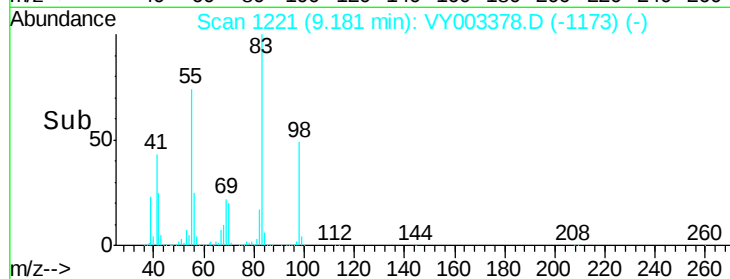
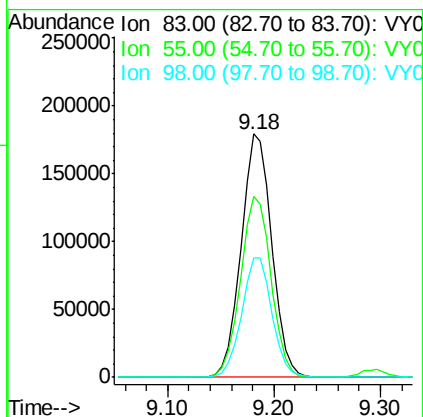
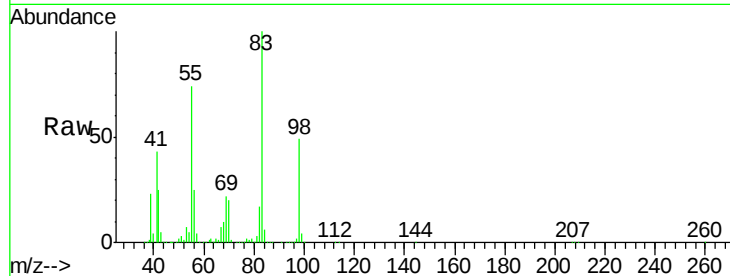
#39
Methylcyclohexane
Concen: 49.646 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.4	57.2	85.8
98	49.2	41.0	61.6

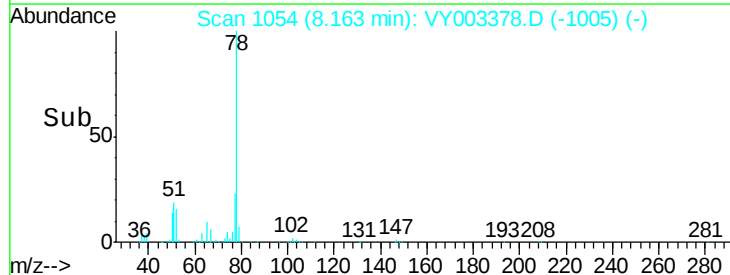
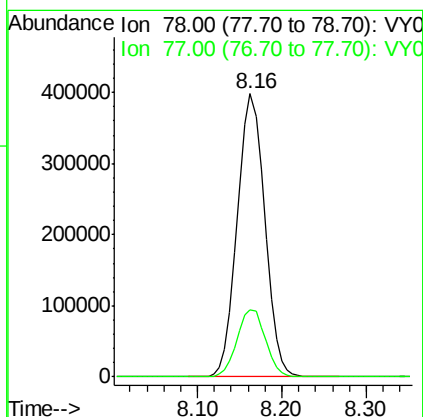
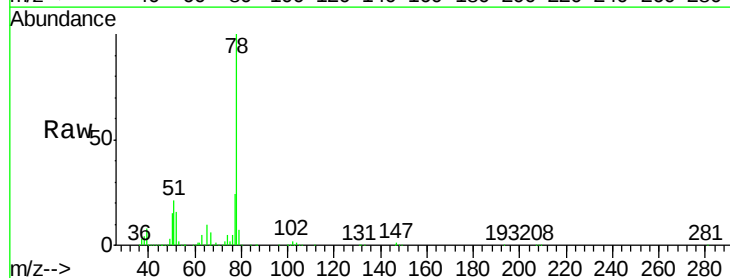
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#40
Benzene
Concen: 54.570 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	20.7	31.1





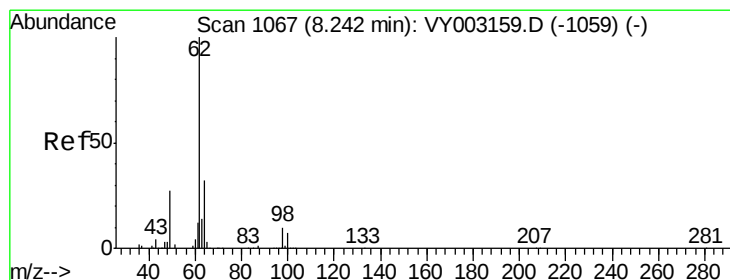
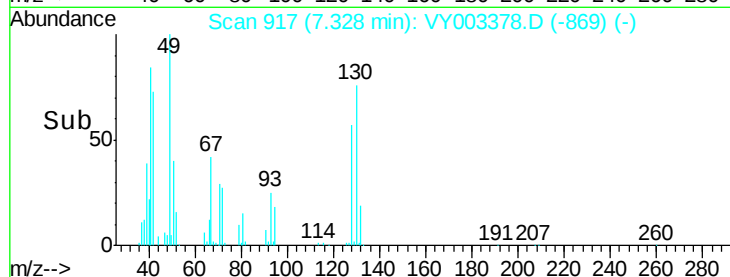
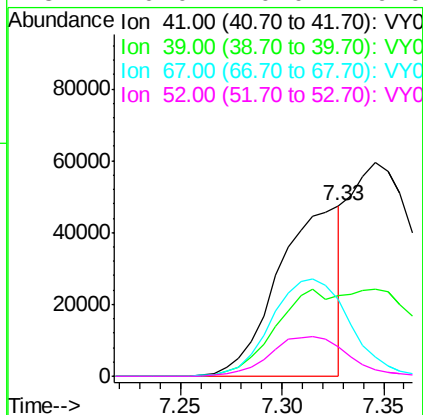
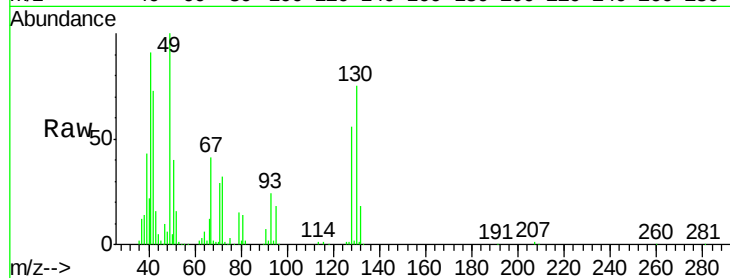
#41
Methacrylonitrile
Concen: 53.582 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

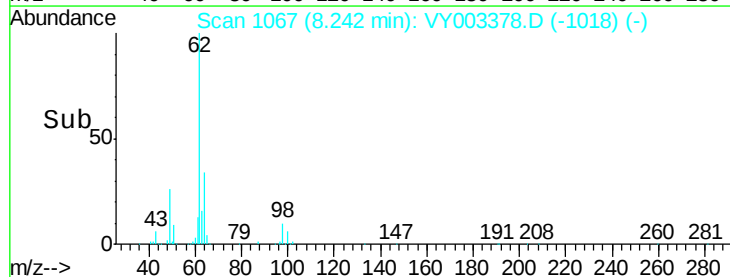
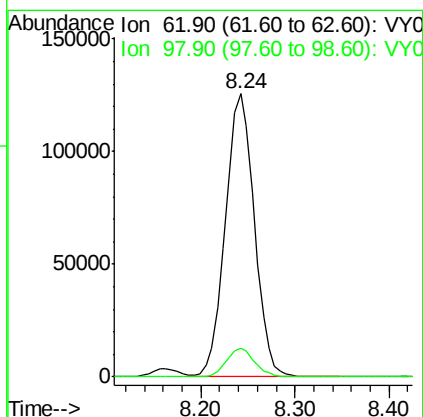
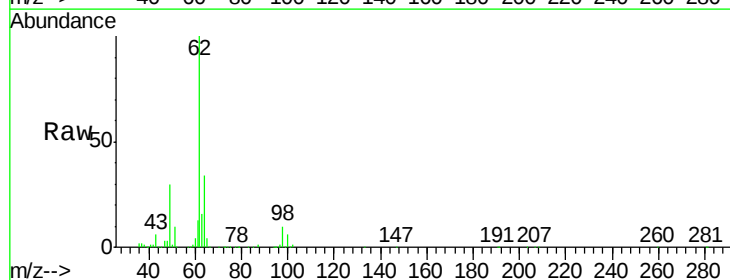
Manual Integrations
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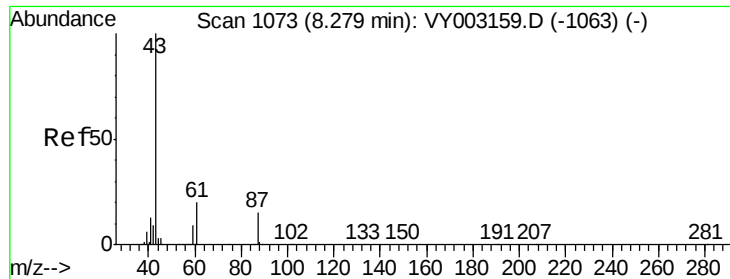
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#42
1,2-Dichloroethane
Concen: 54.341 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





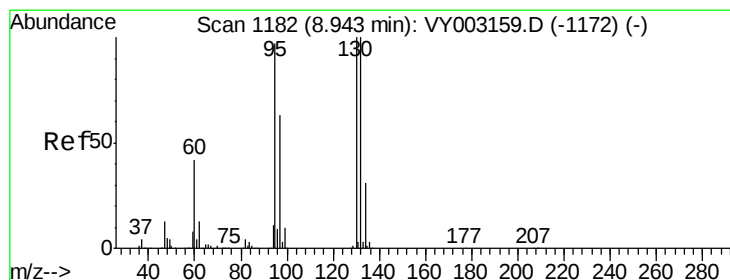
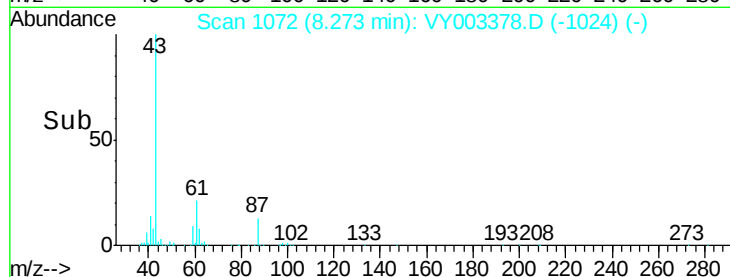
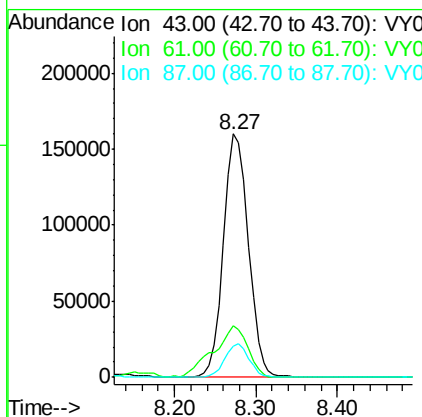
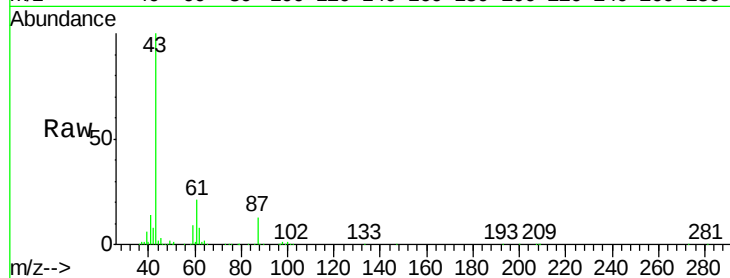
#43
Isopropyl Acetate
Concen: 55.605 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.7	35.5
87	13.4	11.4	17.0

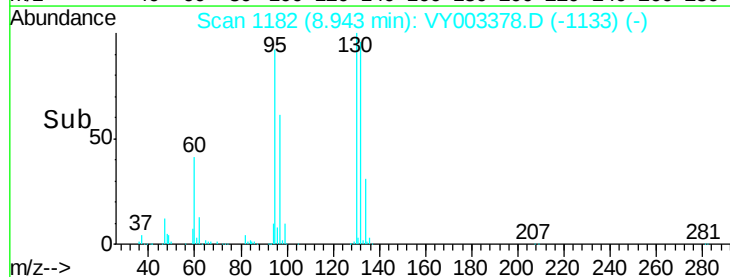
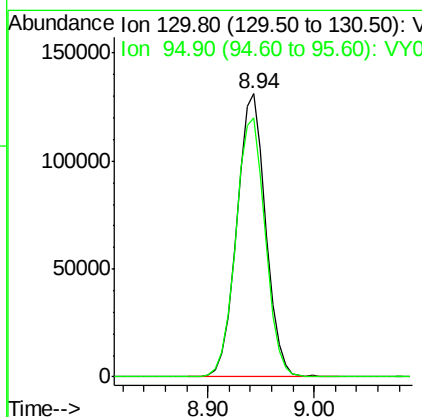
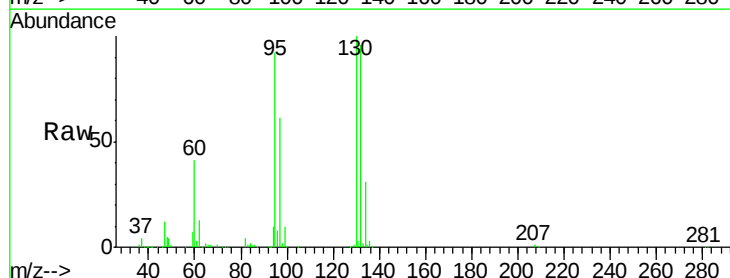
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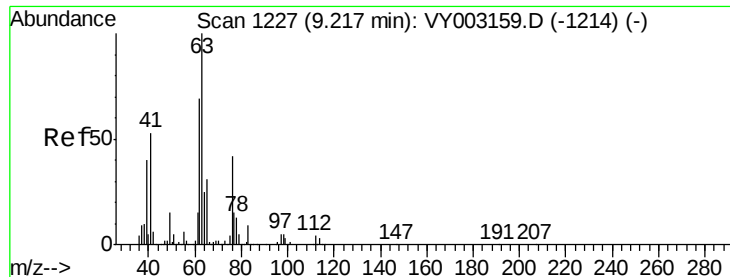
MMDadoda
7/29/2020 7:07:27 PM



#44
Trichloroethene
Concen: 50.606 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	193.8





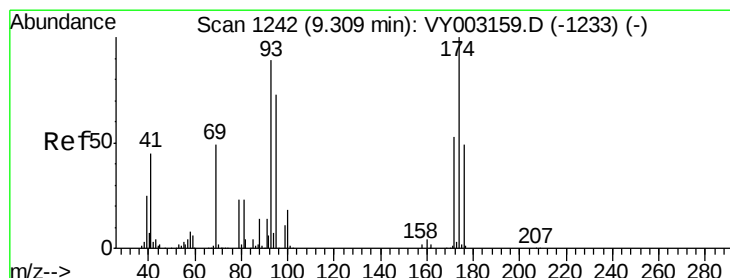
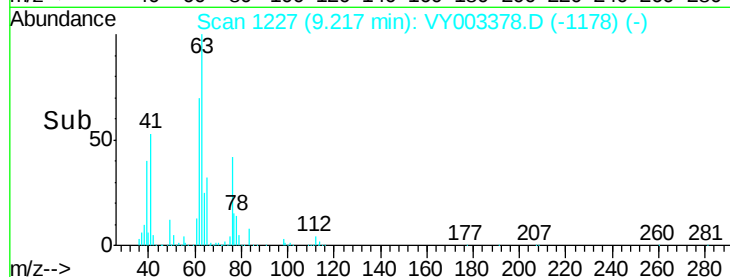
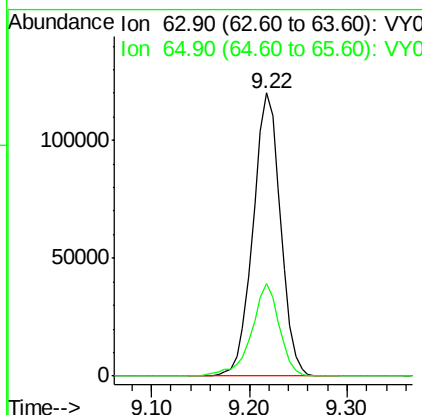
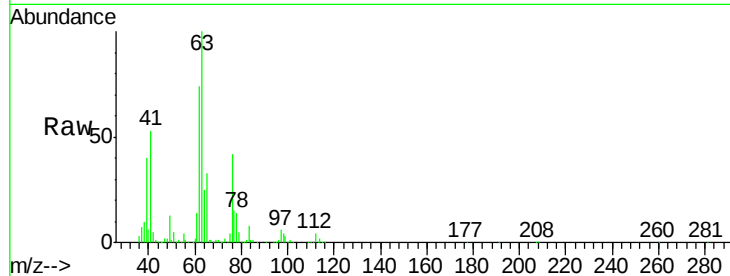
#45
 1,2-Dichloropropane
 Concen: 56.547 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.0	37.4

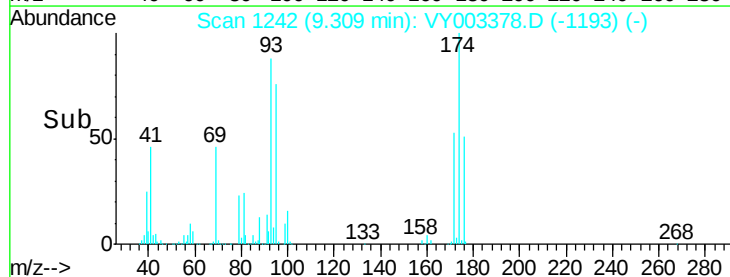
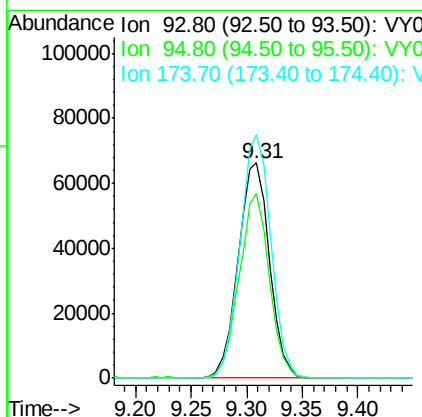
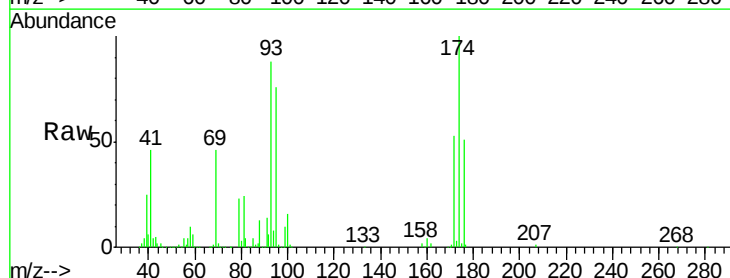
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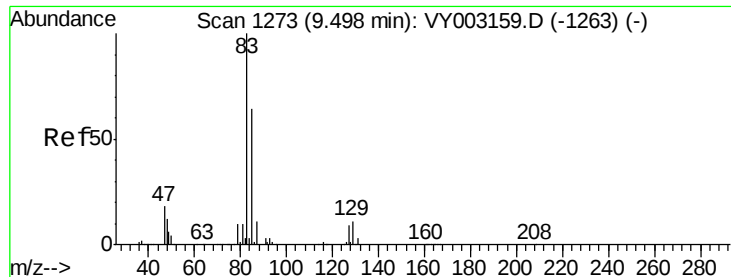
MMDadoda
 7/29/2020 7:07:27 PM



#46
 Dibromomethane
 Concen: 53.101 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.6	99.8
174	112.1	90.2	135.4





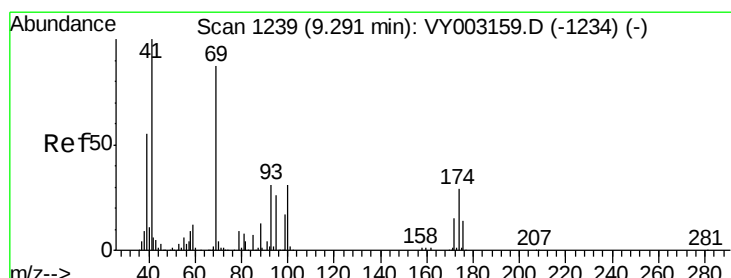
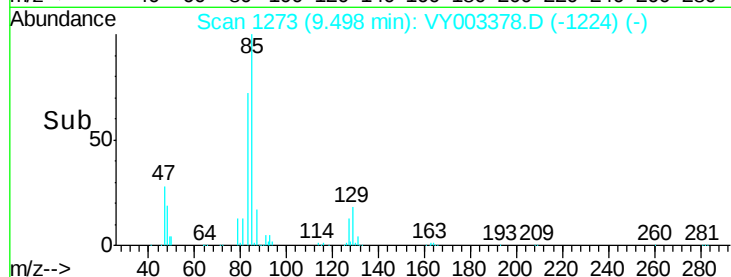
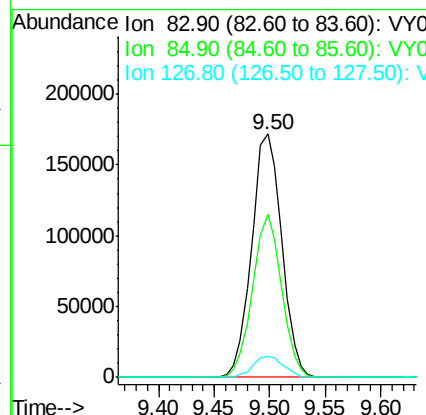
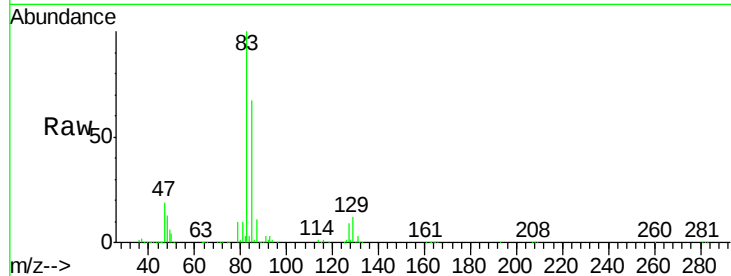
#47
Bromodichloromethane
Concen: 56.171 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.9	76.3
127	8.5	7.0	10.4

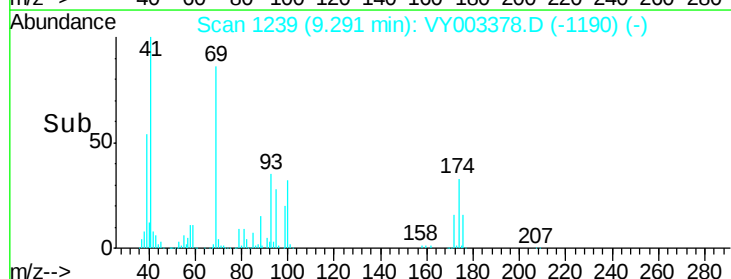
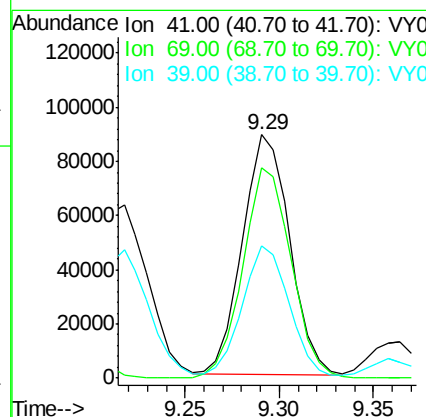
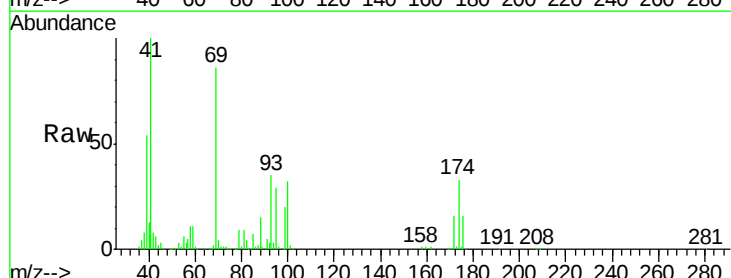
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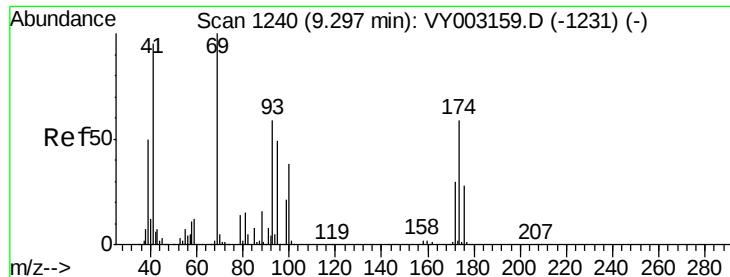
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#48
Methyl methacrylate
Concen: 56.604 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.7	74.5	111.7
39	52.7	47.5	71.3





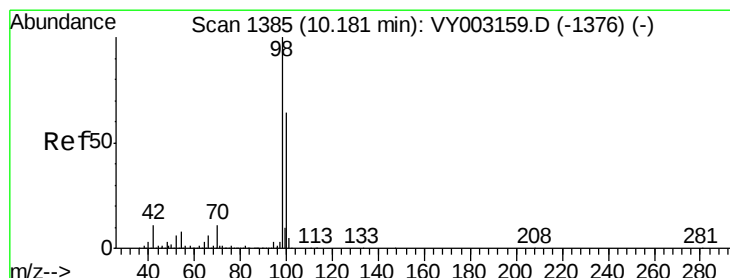
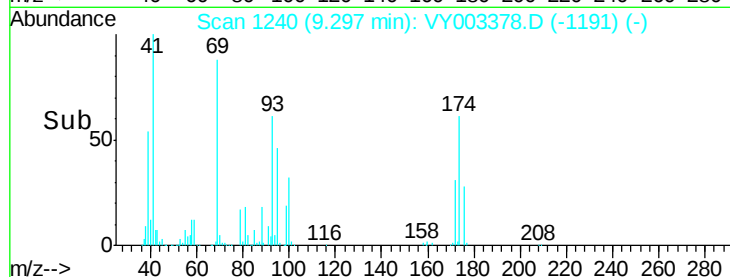
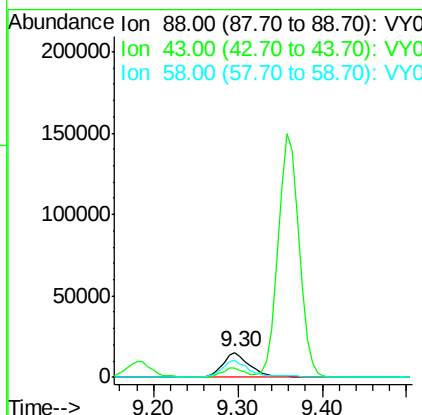
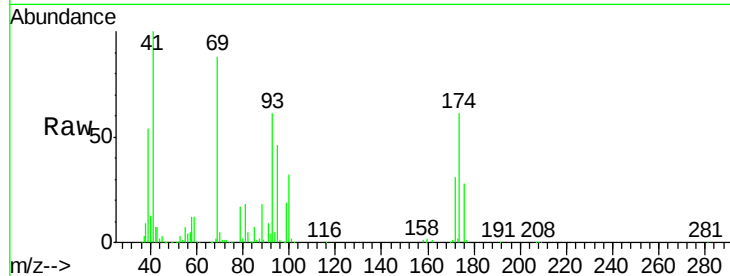
#49
1,4-Dioxane
Concen: 1098.024 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.6	38.4
58	66.5	47.8	71.6

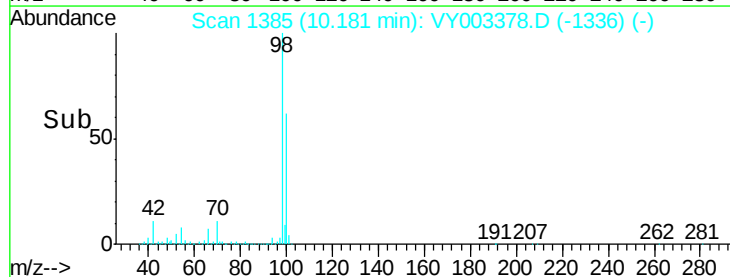
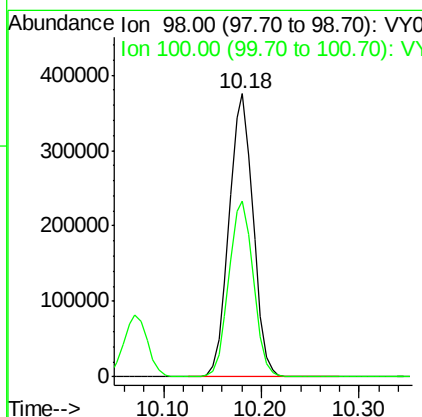
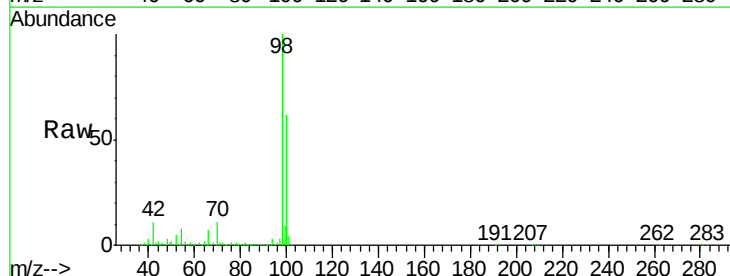
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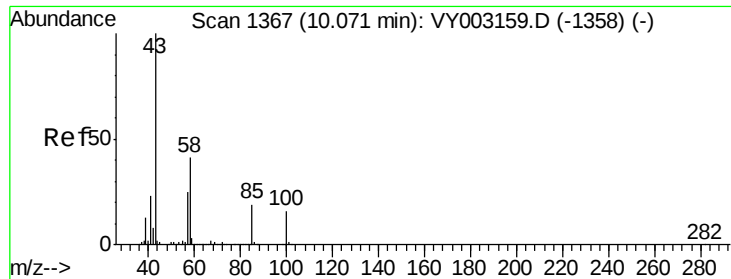
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#50
Toluene-d8
Concen: 46.536 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1





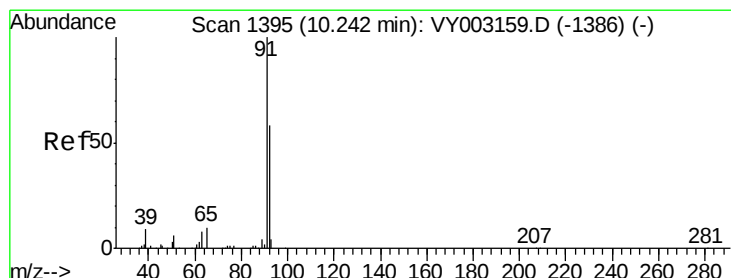
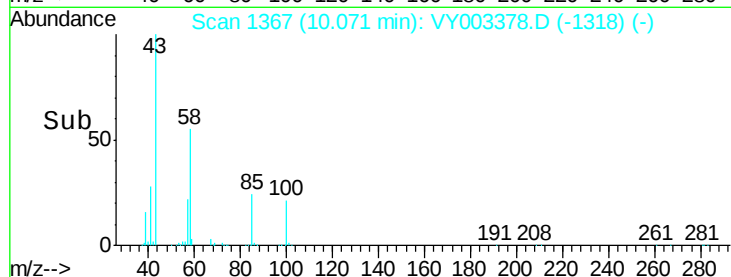
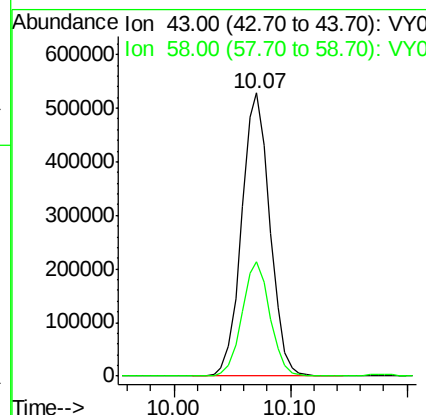
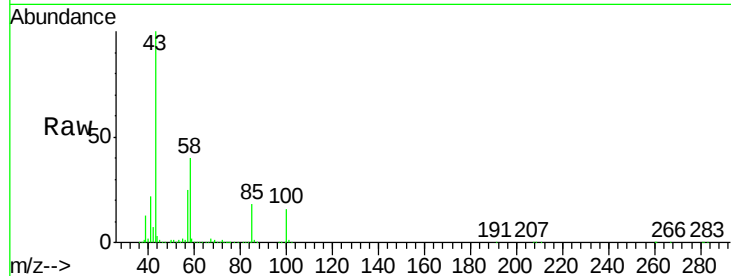
#51
4-Methyl-2-Pentanone
Concen: 283.197 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 894842
Ion Ratio Lower Upper
43 100
58 39.9 32.7 49.1

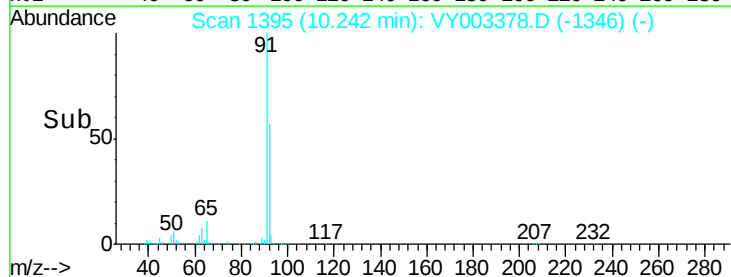
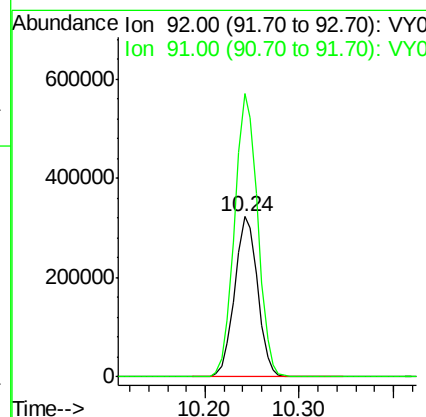
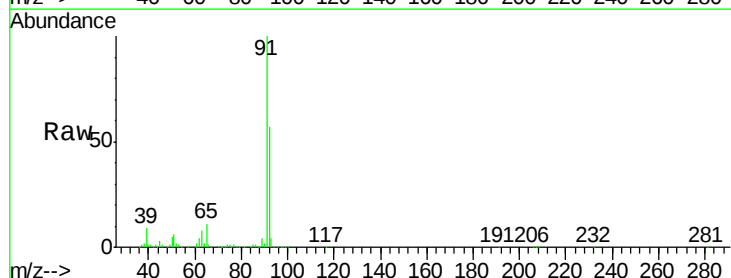
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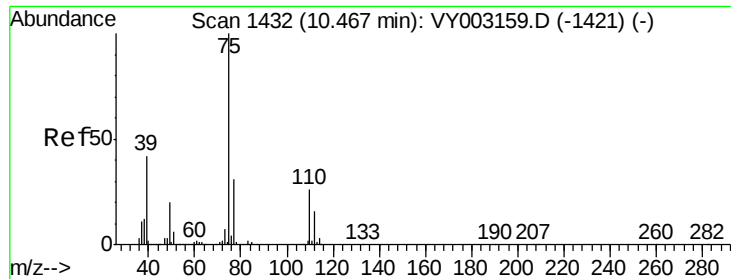
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#52
Toluene
Concen: 53.423 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 92 Resp: 548327
Ion Ratio Lower Upper
92 100
91 177.3 139.7 209.5





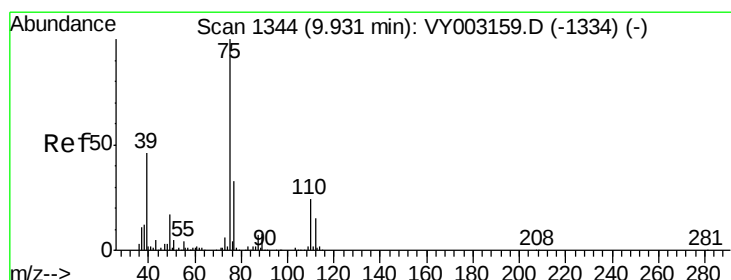
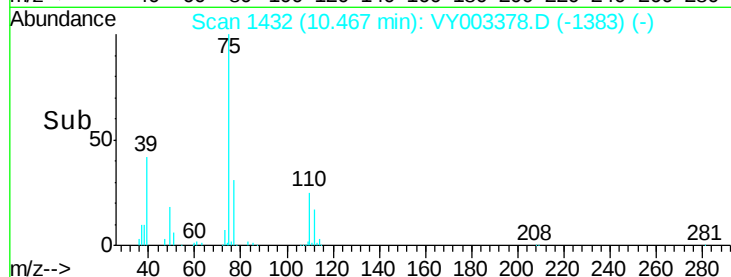
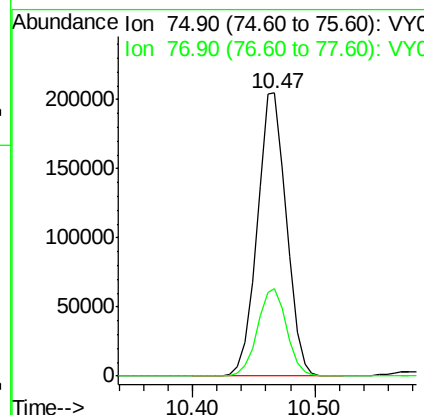
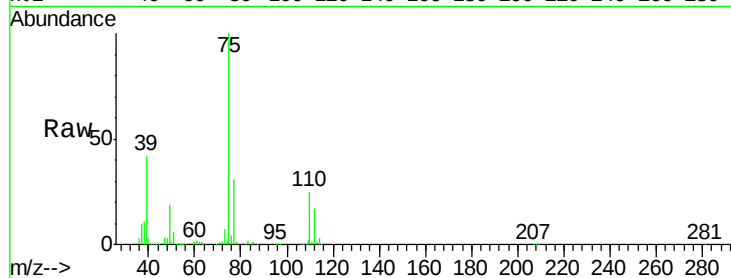
#53
t-1,3-Dichloropropene
Concen: 56.769 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 339489
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8

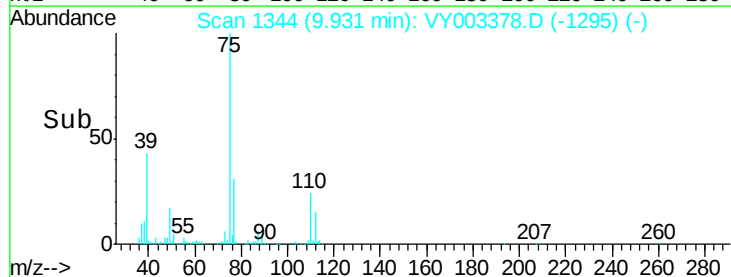
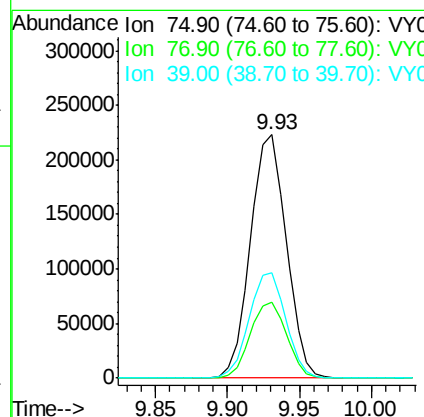
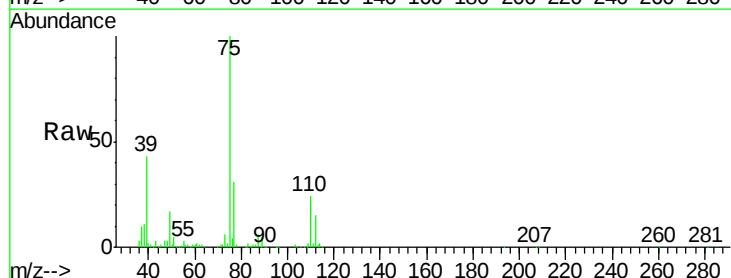
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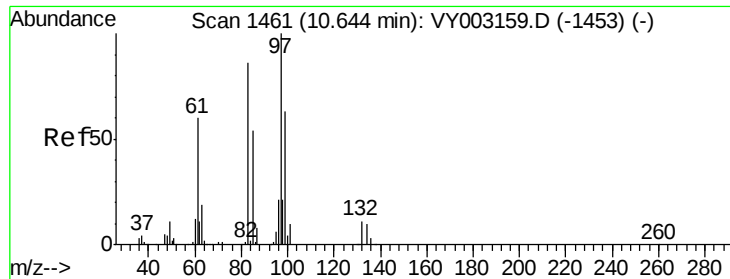
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#54
cis-1,3-Dichloropropene
Concen: 55.810 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 75 Resp: 384547
Ion Ratio Lower Upper
75 100
77 31.5 26.7 40.1
39 43.3 37.0 55.6





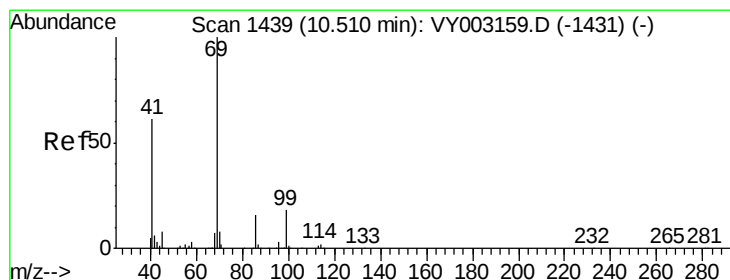
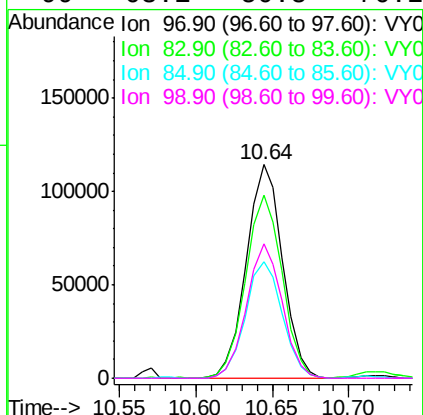
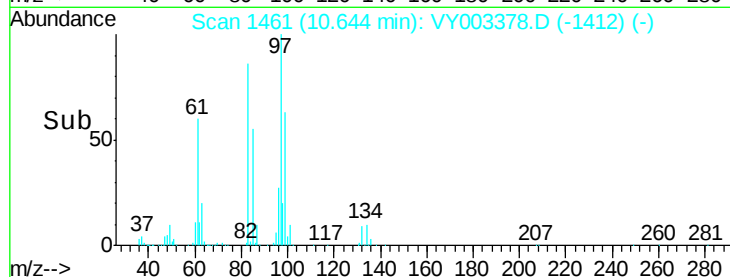
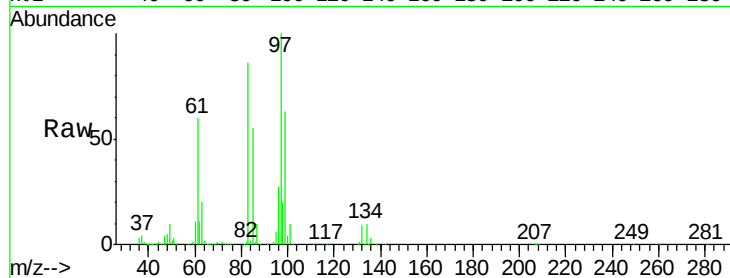
#55
1,1,2-Trichloroethane
Concen: 54.958 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	188998		
83	85.5	68.8	103.2	
85	54.6	43.1	64.7	
99	63.1	50.8	76.2	

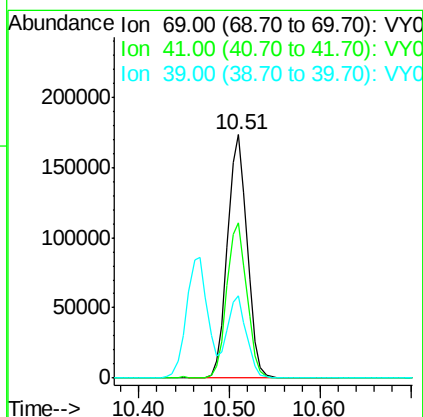
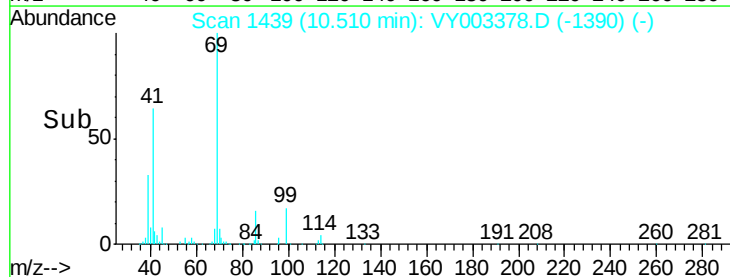
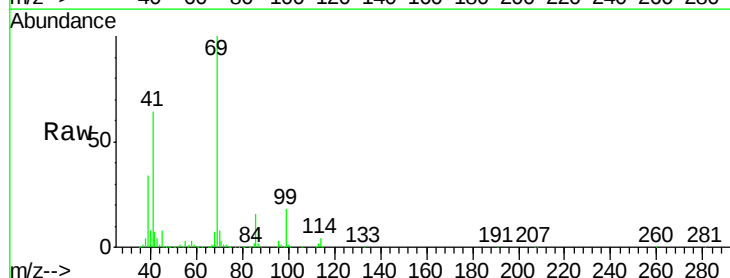
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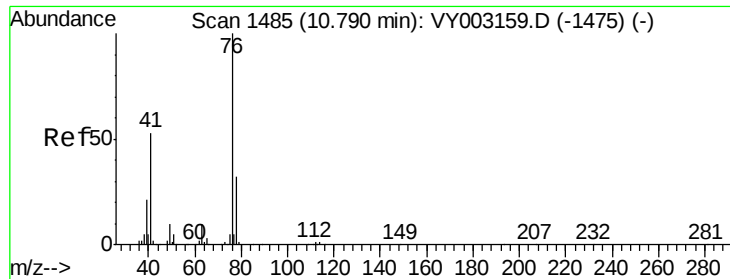
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#56
Ethyl methacrylate
Concen: 55.914 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	261420		
41	64.3	50.0	75.0	
39	33.3	27.6	41.4	





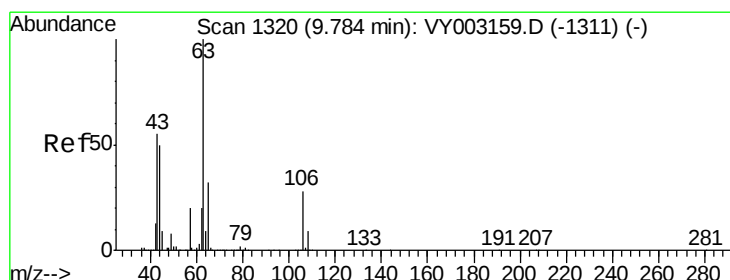
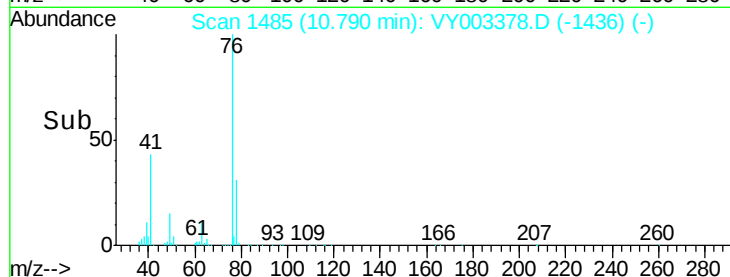
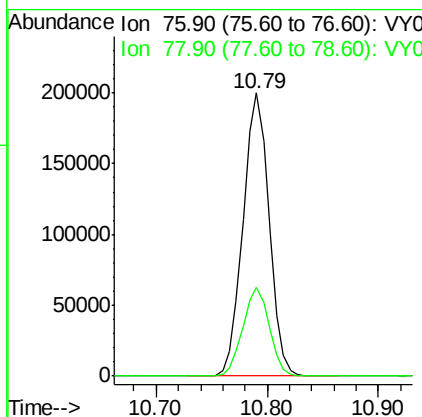
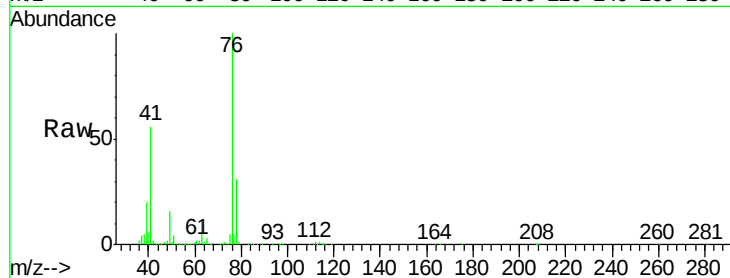
#57
 1,3-Dichloropropane
 Concen: 55.687 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 324711
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.0 39.0

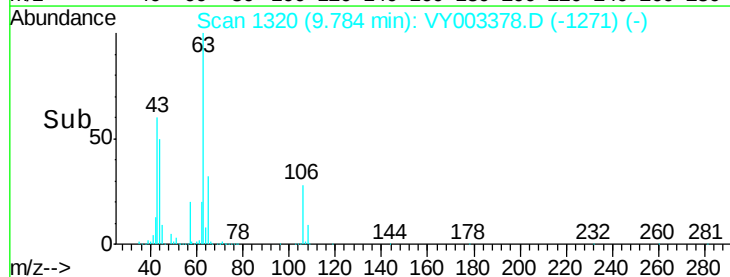
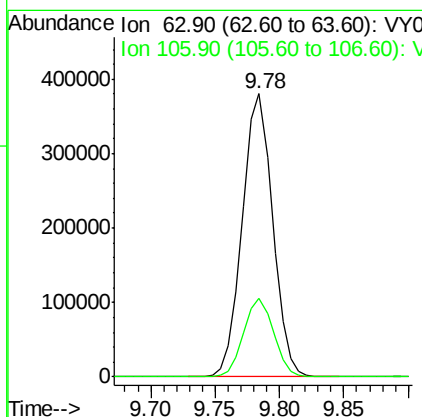
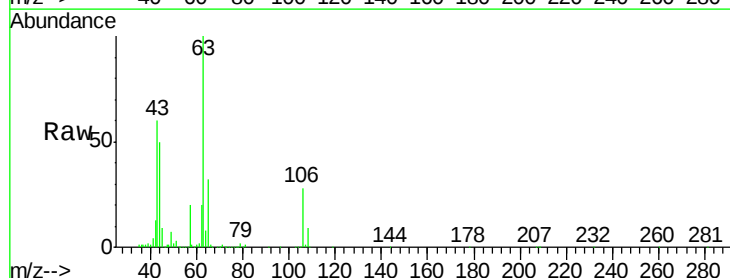
Manual Integrations
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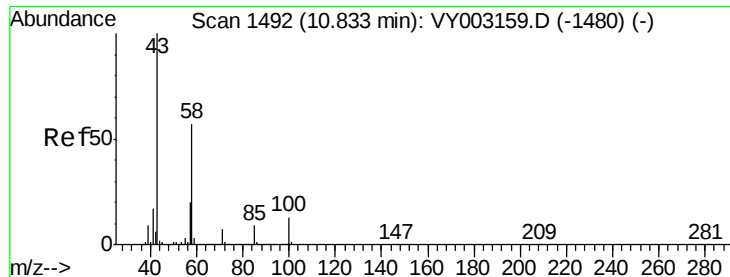
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#58
 2-Chloroethyl Vinyl ether
 Concen: 260.270 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion: 63 Resp: 620598
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.9 34.3





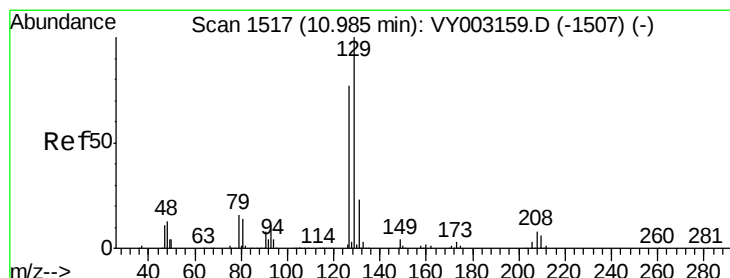
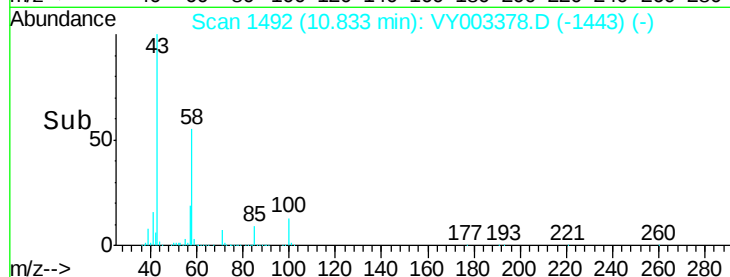
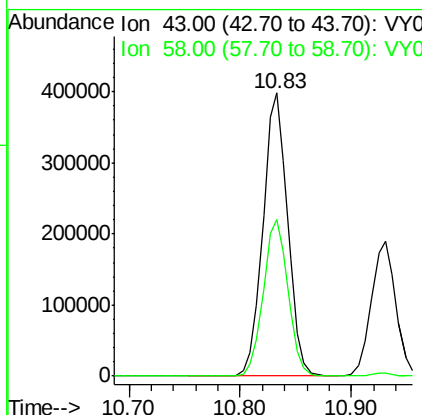
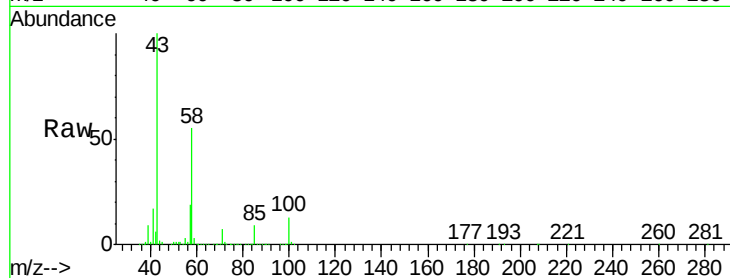
#59
2-Hexanone
Concen: 279.933 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 617466
Ion Ratio Lower Upper
43 100
58 55.4 28.3 85.0

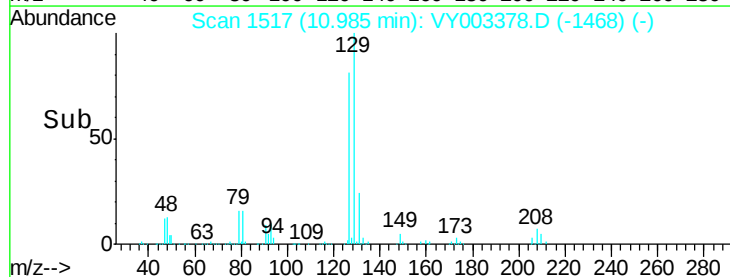
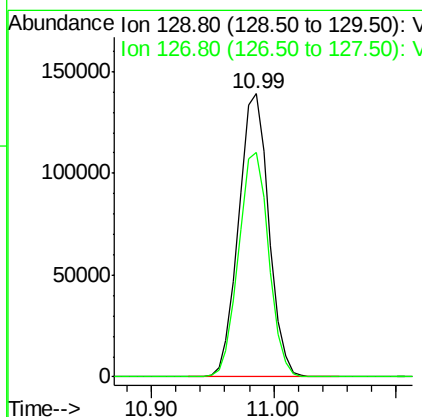
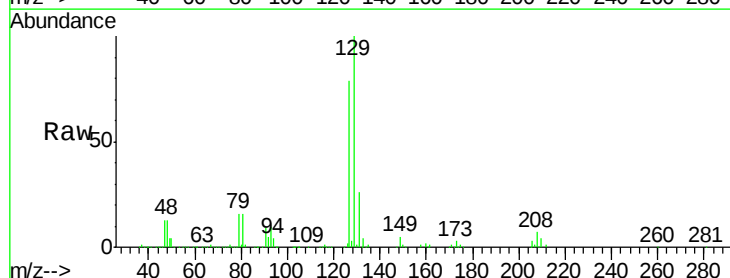
Manual Integrations
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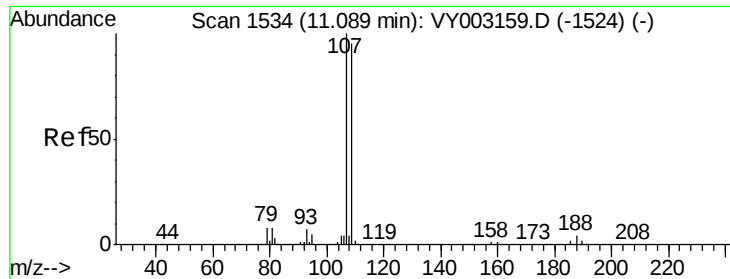
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#60
Dibromochloromethane
Concen: 54.980 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 129 Resp: 237806
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.5





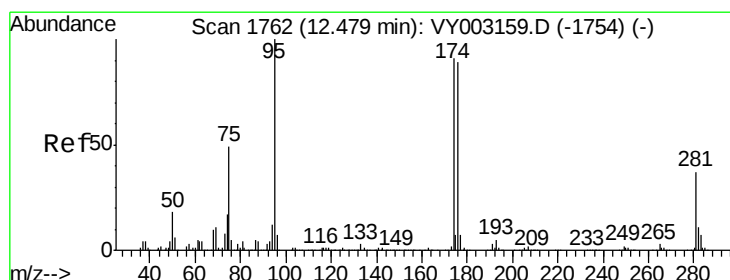
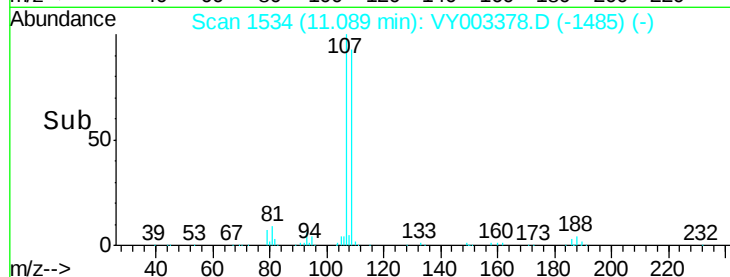
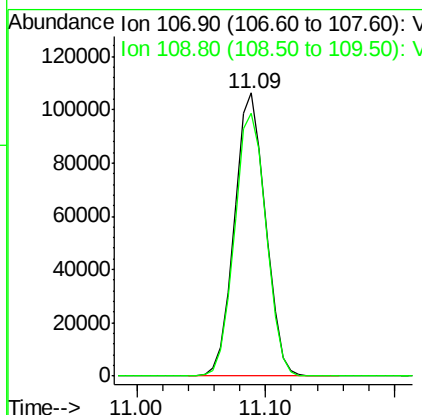
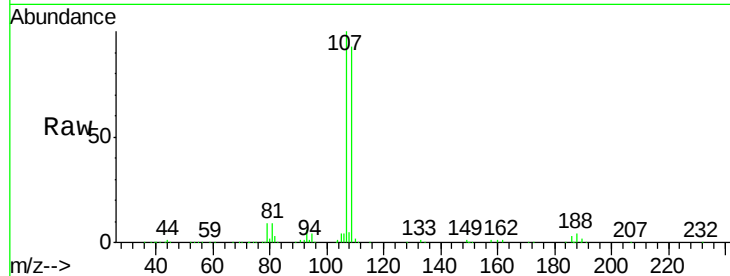
#61
 1,2-Dibromoethane
 Concen: 52.310 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 177547
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4

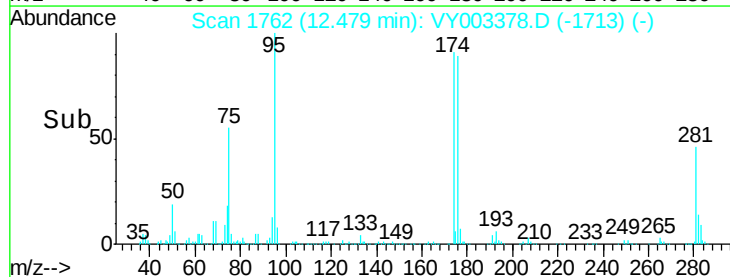
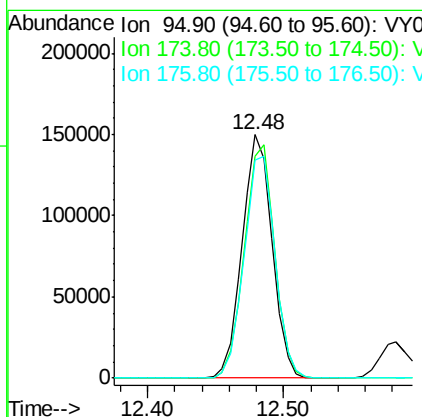
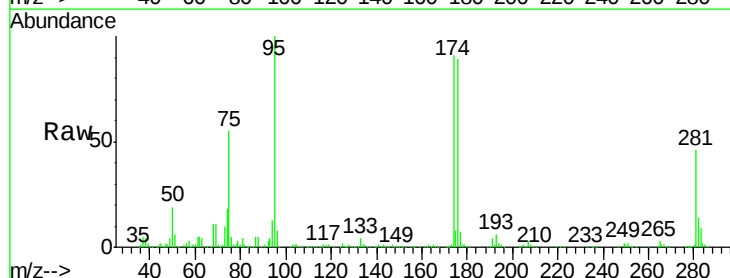
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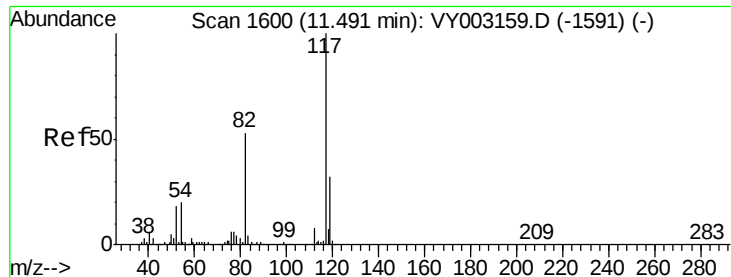
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#62
 4-Bromofluorobenzene
 Concen: 46.432 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion: 95 Resp: 230929
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 190.6
 176 94.5 0.0 186.4





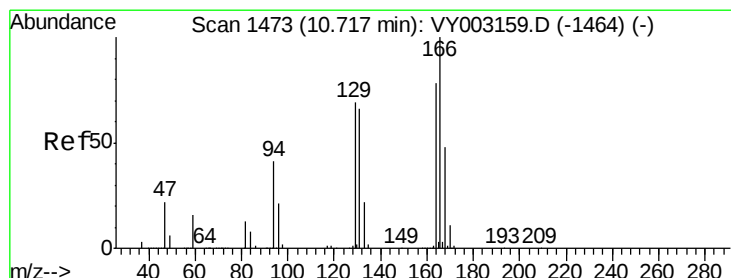
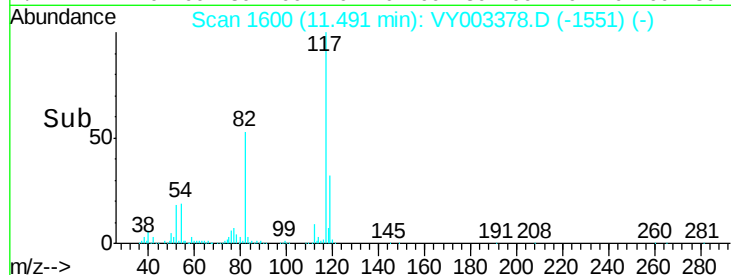
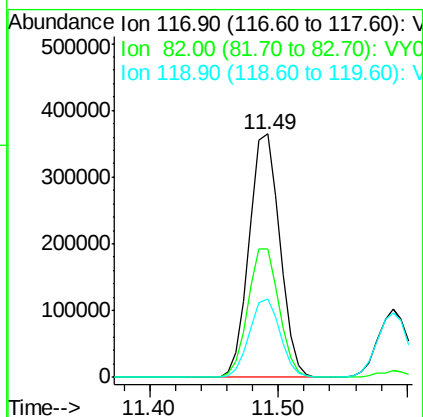
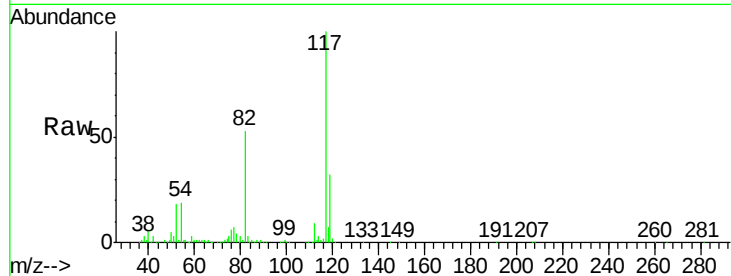
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.8	42.0	63.0
119	32.2	25.5	38.3

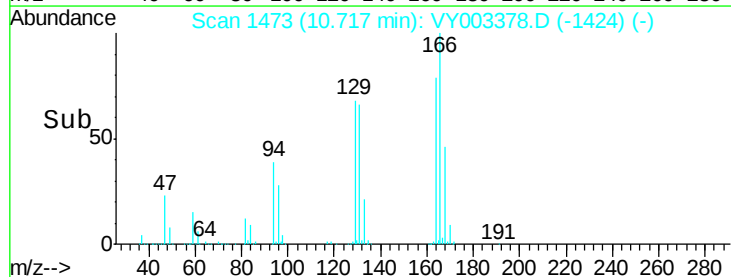
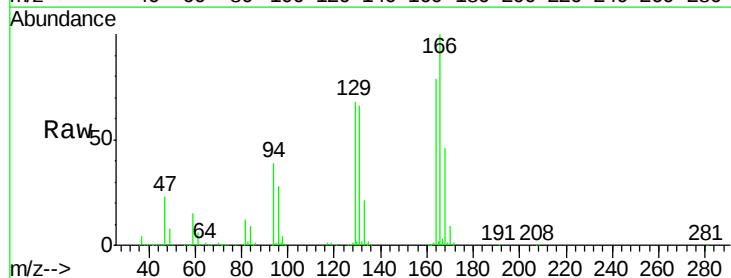
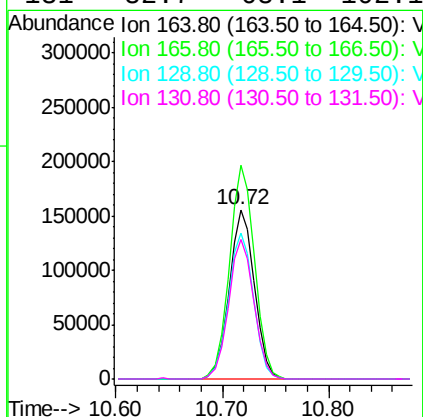
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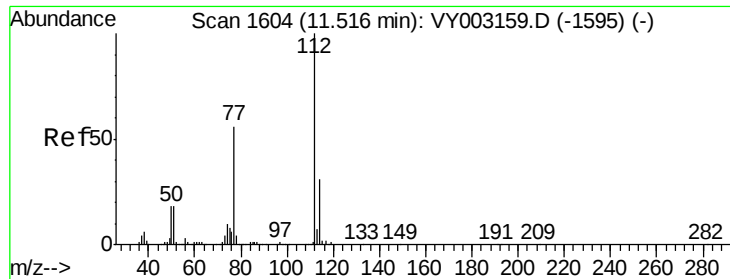
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#64
Tetrachloroethene
Concen: 48.194 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.1	102.9	154.3
129	86.0	71.4	107.2
131	82.7	68.1	102.1





#65

Chlorobenzene

Concen: 53.928 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 620845

Ion Ratio Lower Upper

112 100

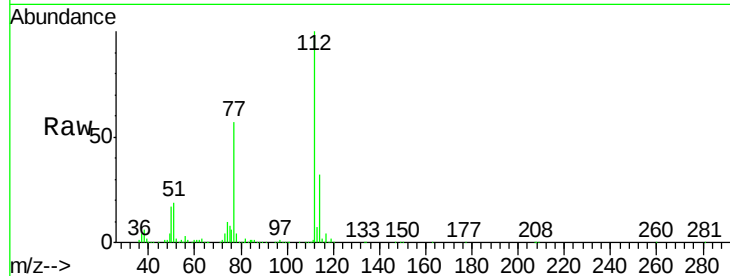
114 32.0 24.7 37.1

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

400000

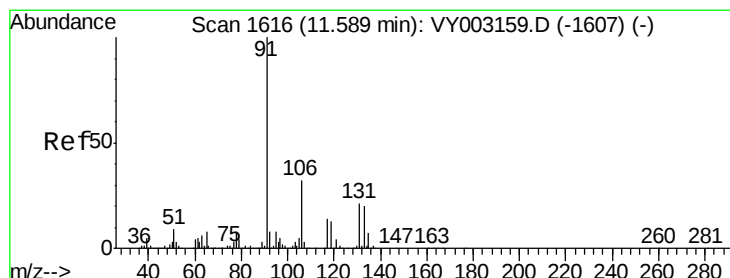
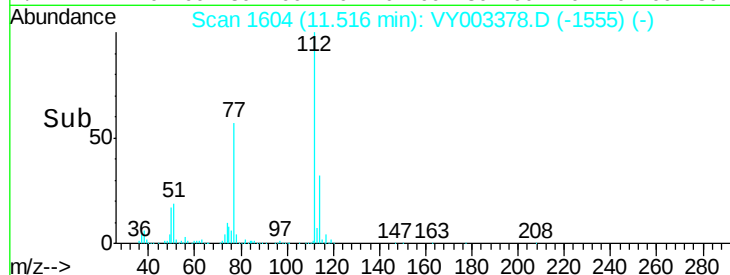
300000

200000

100000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 55.417 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

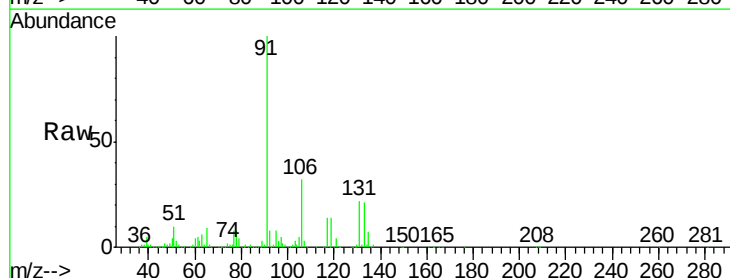
Tgt Ion:131 Resp: 247790

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

119 64.4 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

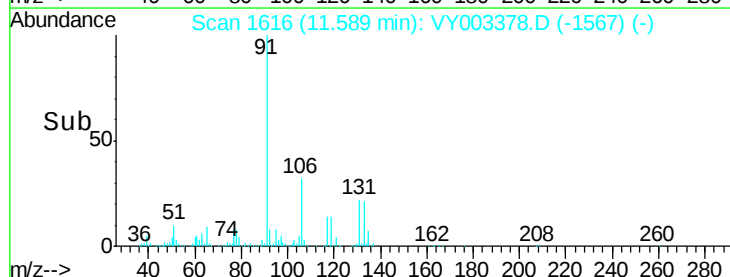
150000

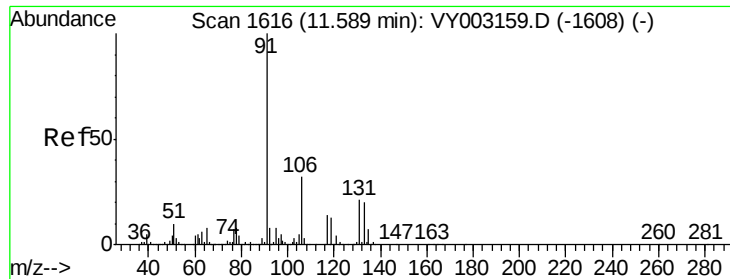
100000

50000

0

Time--> 11.50 11.60





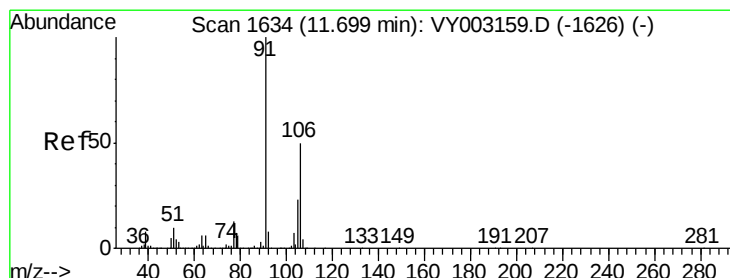
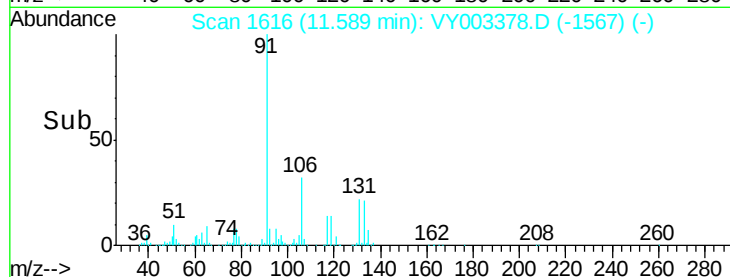
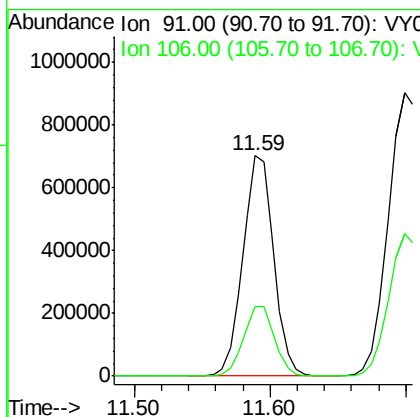
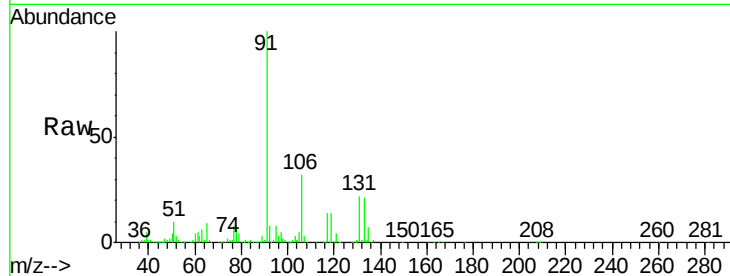
#67
Ethyl Benzene
Concen: 54.050 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1111015
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

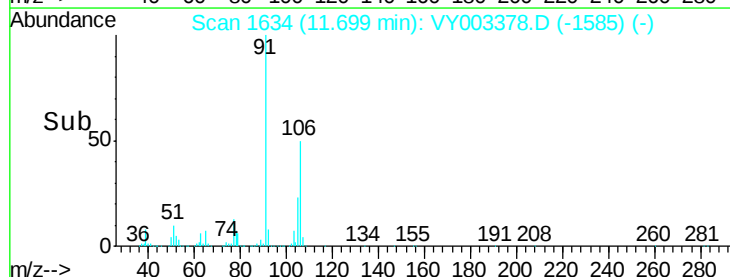
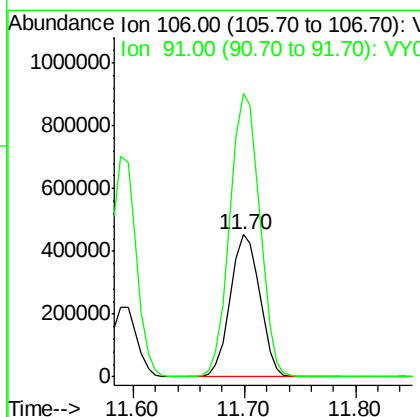
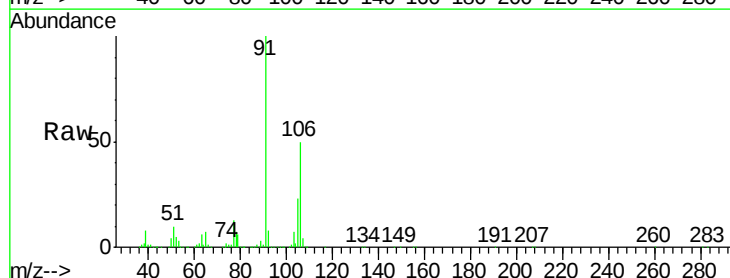
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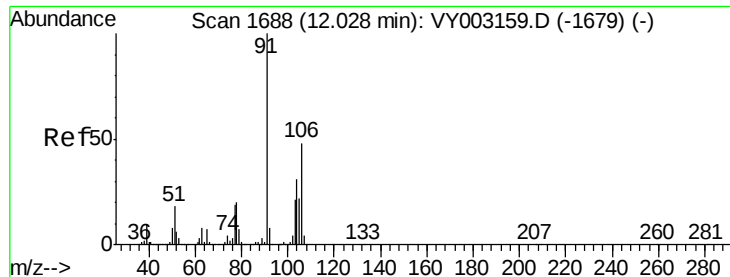
MMDadoda
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#68
m/p-Xylenes
Concen: 106.907 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 106 Resp: 833796
Ion Ratio Lower Upper
106 100
91 201.5 159.0 238.6





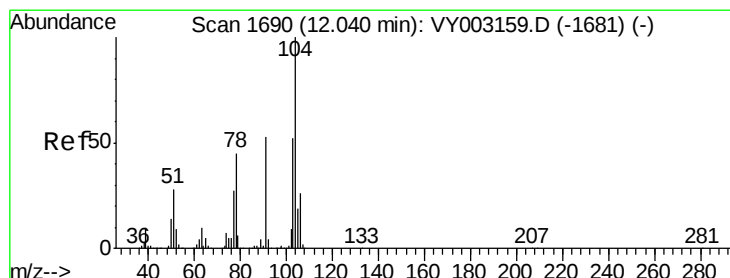
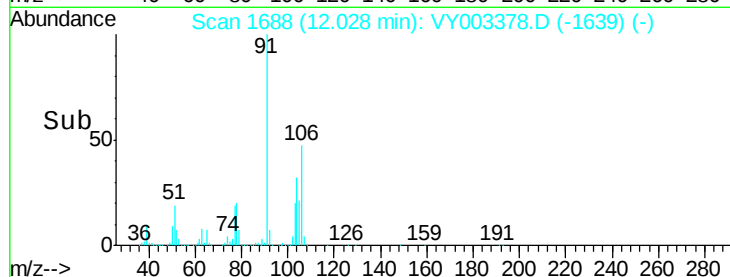
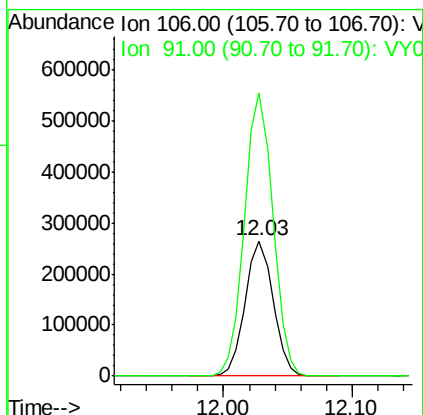
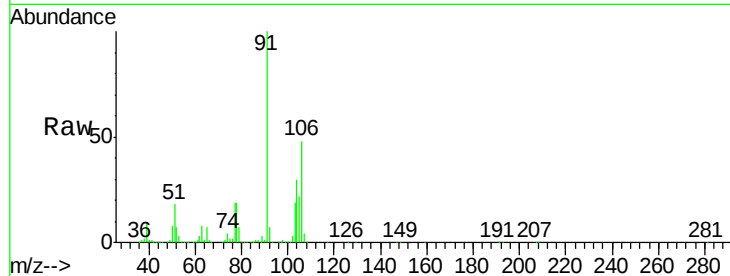
#69
o-Xylene
Concen: 54.649 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 398189
Ion Ratio Lower Upper
106 100
91 212.6 105.1 315.1

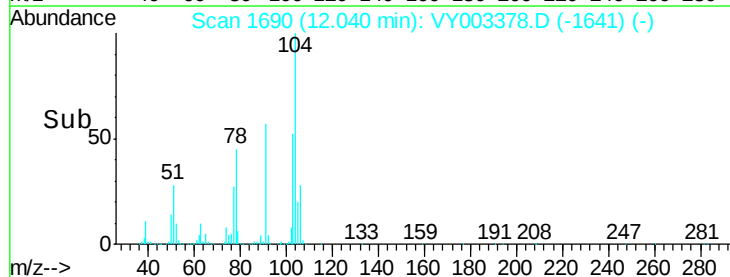
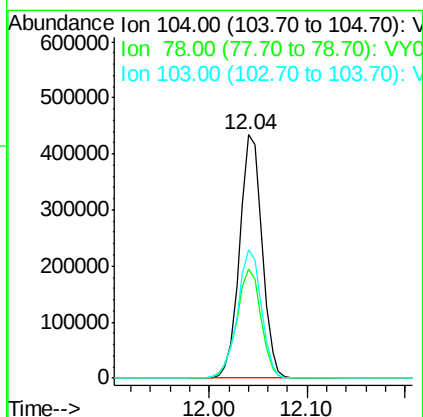
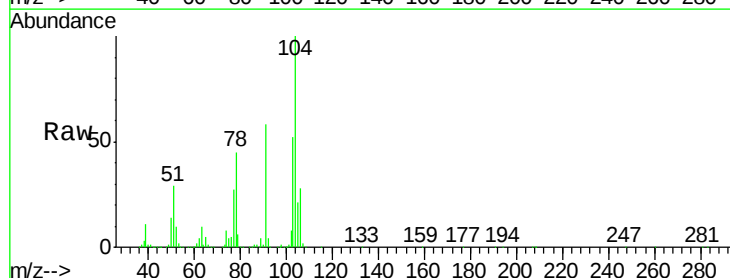
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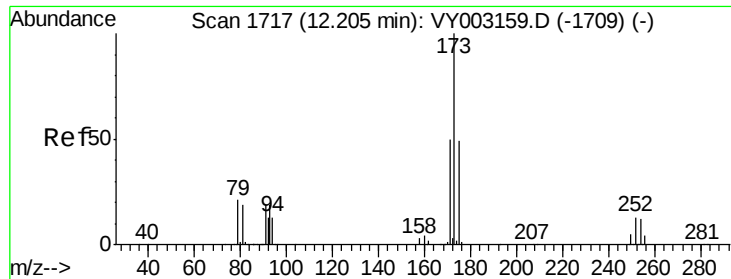
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#70
Styrene
Concen: 55.573 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion:104 Resp: 692681
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 56.0 43.9 65.9





#71

Bromoform

Concen: 54.229 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

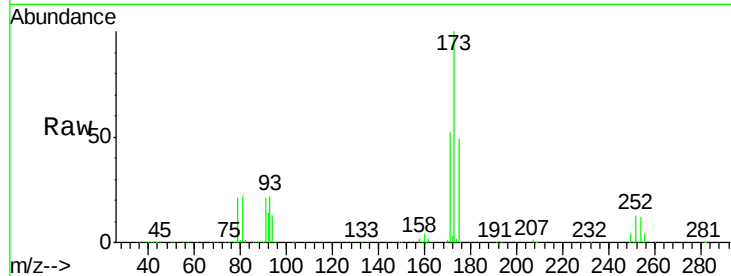
ClientSampleId :

VSTDCCC050EC

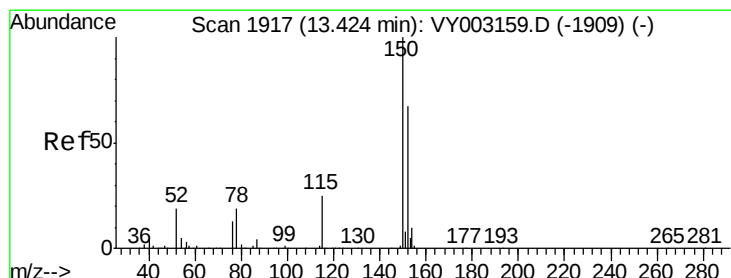
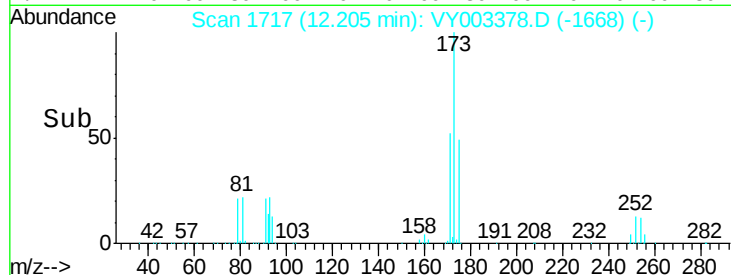
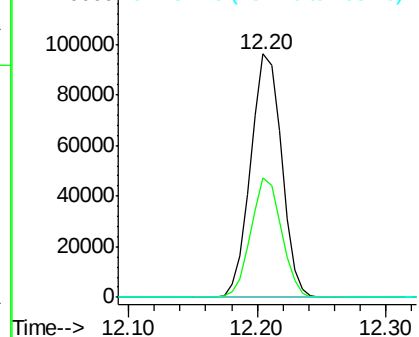
Tgt Ion:	173	Resp:	159146
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.3	73.0
254	0.2	0.2	0.2

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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

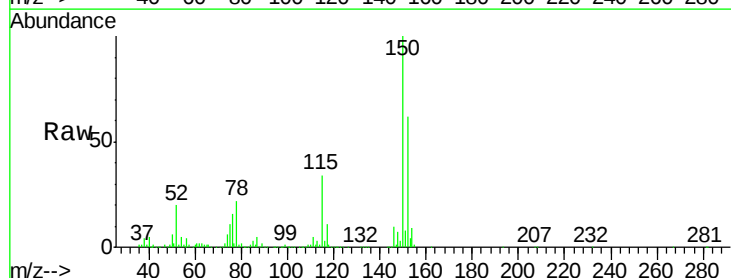
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

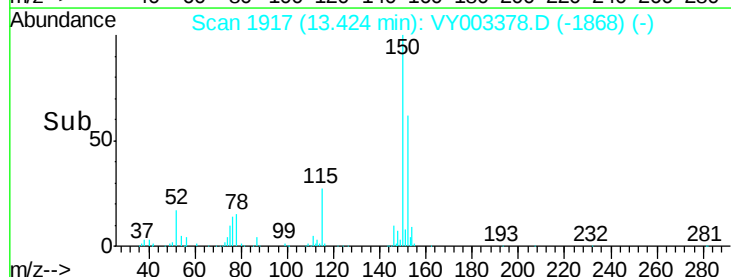
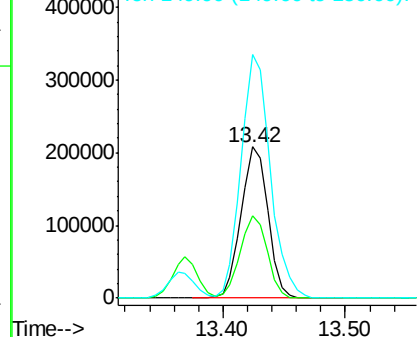
Lab File: VY003378.D

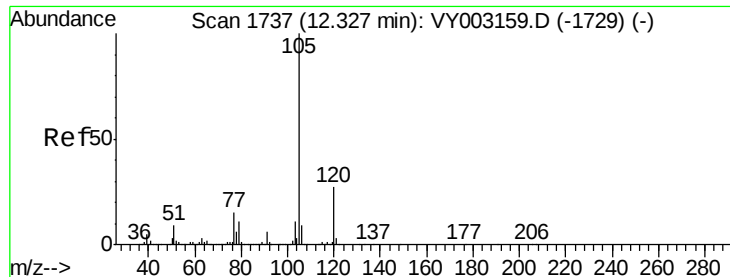
Acq: 28 Jul 2020 16:38

Tgt Ion:	152	Resp:	315612
Ion Ratio	Lower	Upper	
152	100		
115	54.7	26.9	80.7
150	176.0	0.0	338.0



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: 54.624 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1098657

Ion Ratio Lower Upper

105 100

120 26.7

13.4

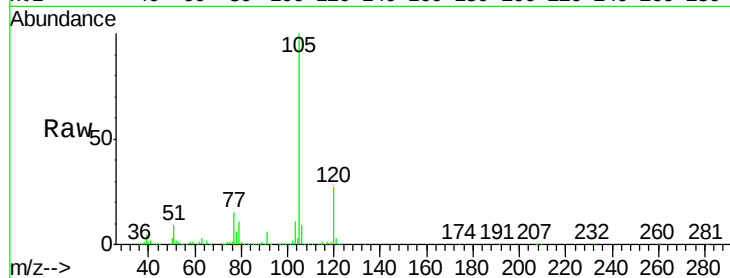
40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

800000

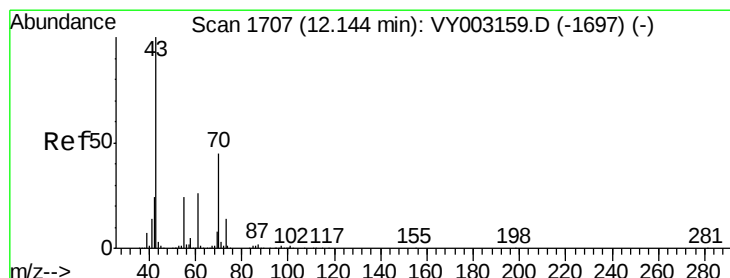
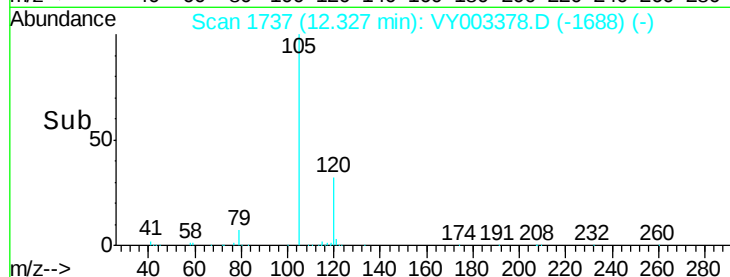
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 56.203 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Tgt Ion: 43 Resp: 317177

Ion Ratio Lower Upper

43 100

70 43.9

35.6

53.4

55 24.1

19.4

29.2

61 25.3

20.8

31.2

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

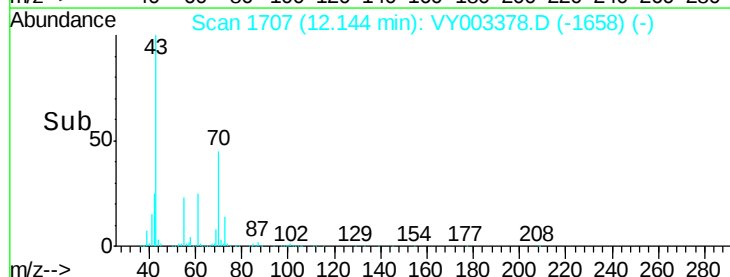
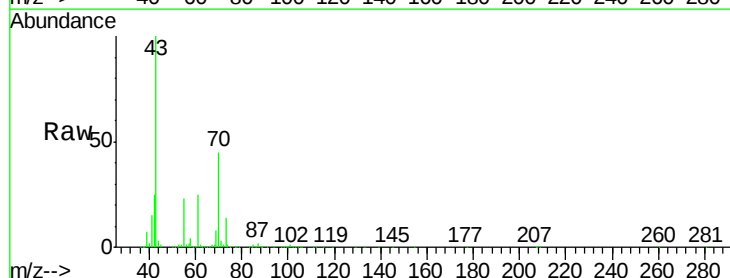
300000

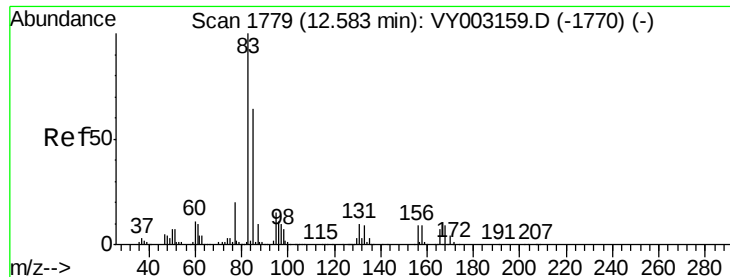
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.396 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 219071

Ion Ratio Lower Upper

83 100

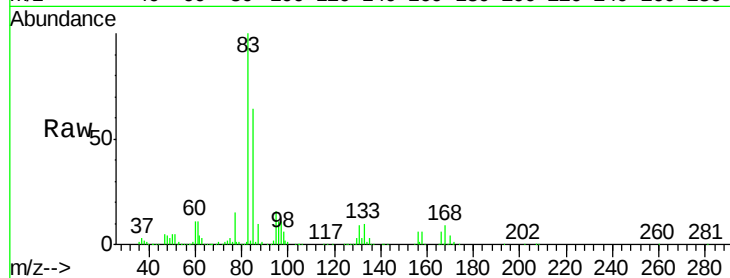
131 10.4 5.2 15.6

85 62.8 32.0 96.0

Manual Integrations
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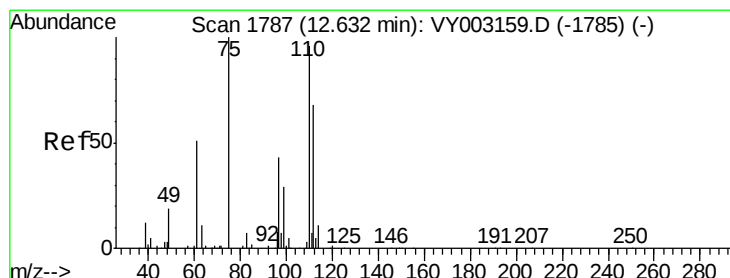
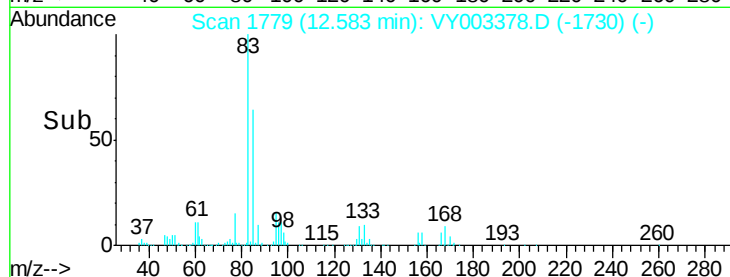
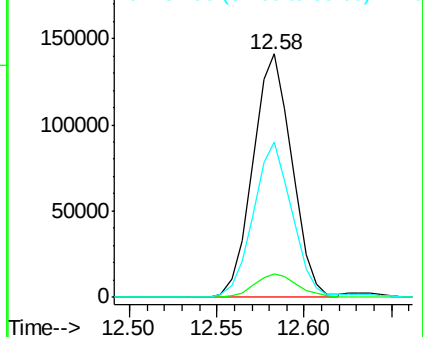
7/29/2020 7:07:27 PM



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 55.755 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003378.D

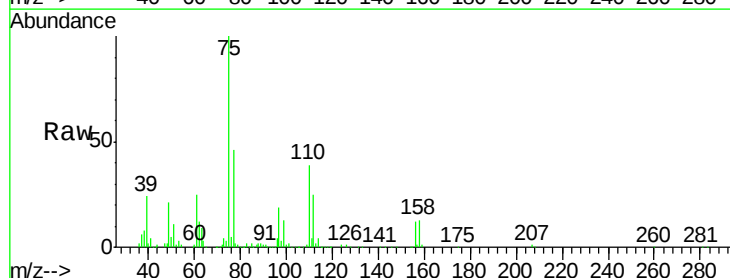
Acq: 28 Jul 2020 16:38

Tgt Ion: 75 Resp: 155764

Ion Ratio Lower Upper

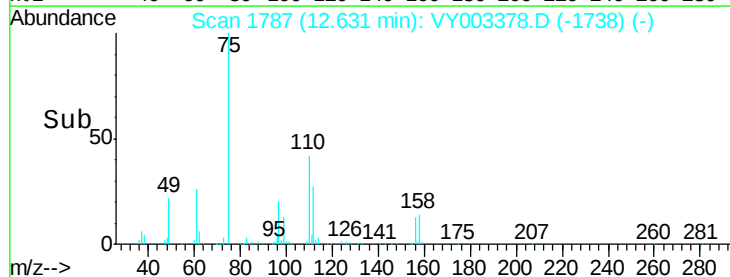
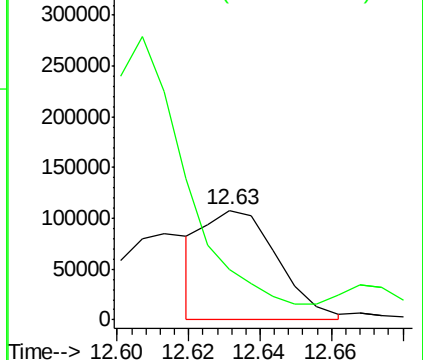
75 100

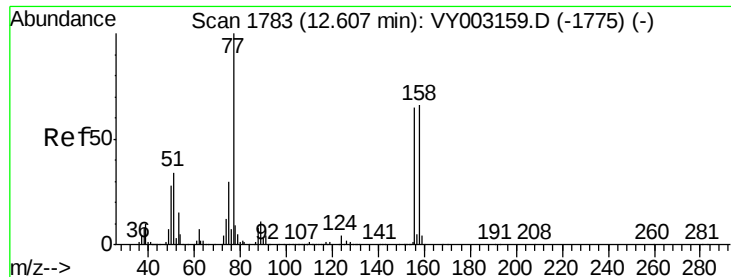
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 54.007 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

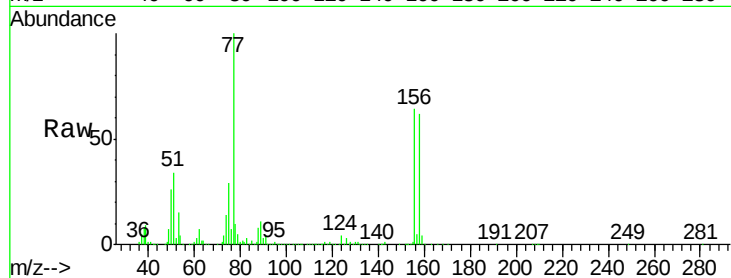
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	175.0	86.6	259.7
158	97.0	49.4	148.0

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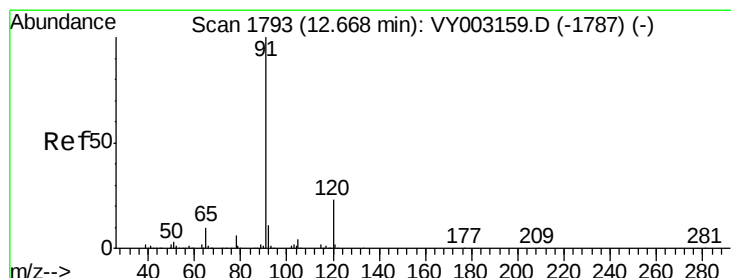
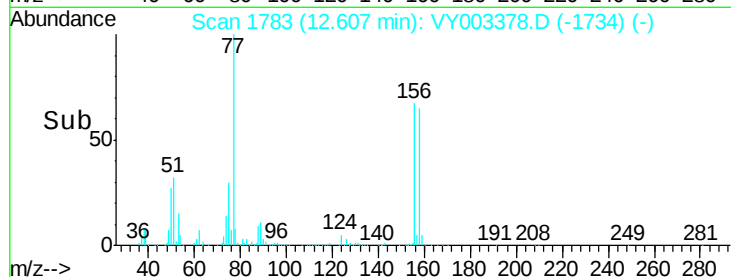
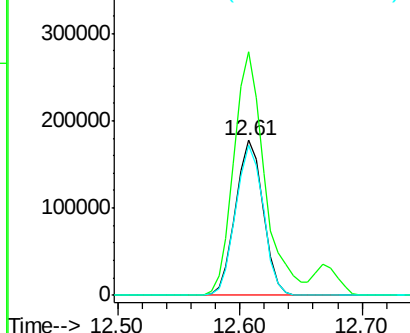
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.002 ug/l

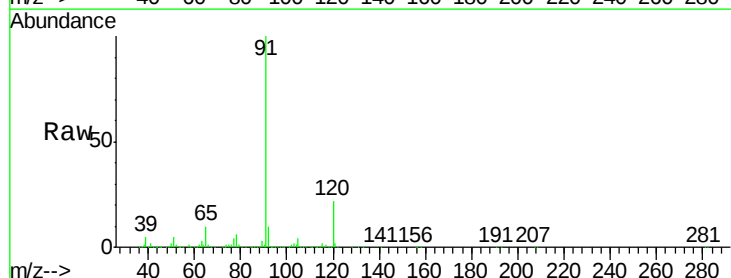
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003378.D

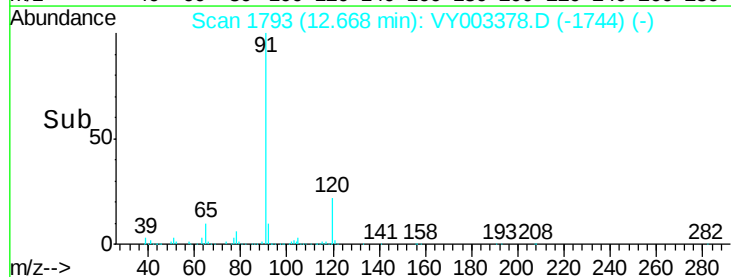
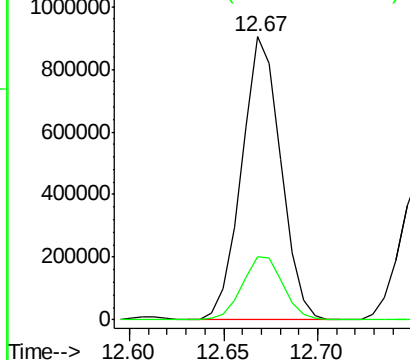
Acq: 28 Jul 2020 16:38

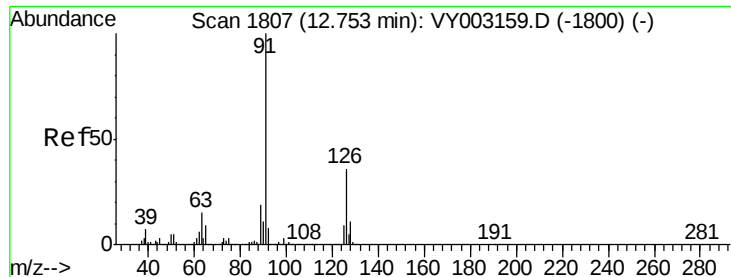
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





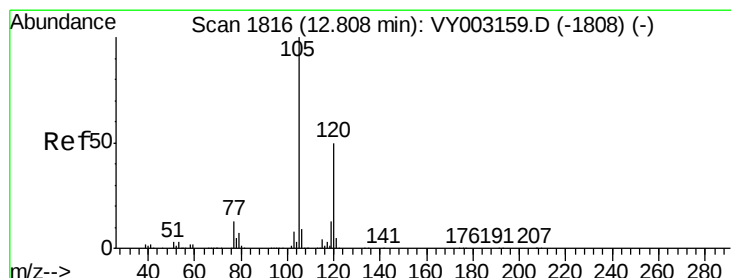
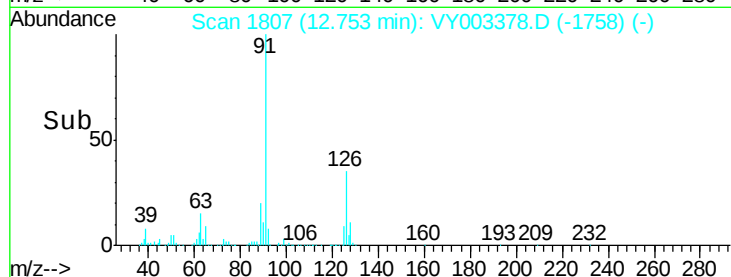
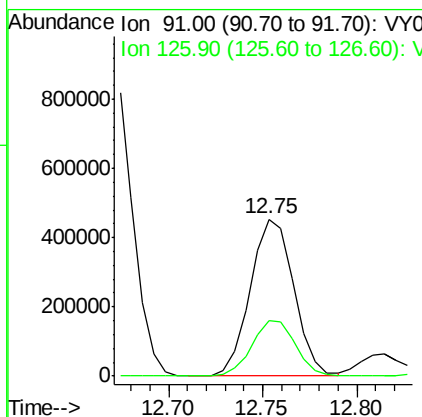
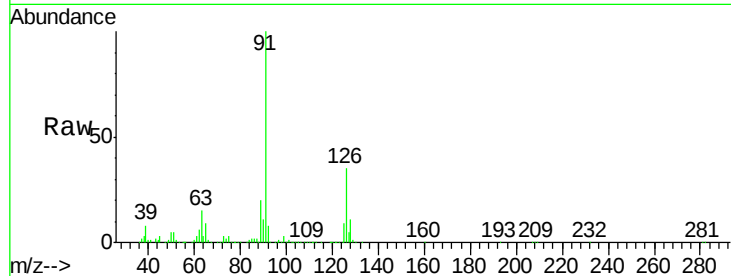
#79
2-Chlorotoluene
Concen: 54.950 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 726858
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9

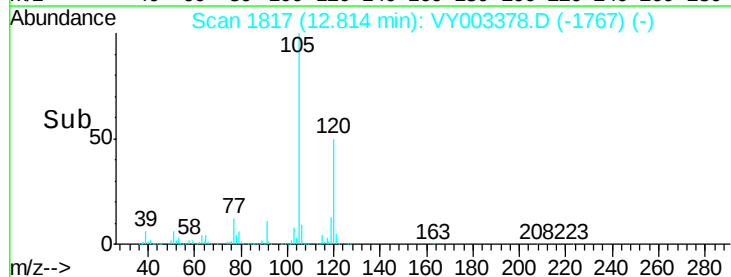
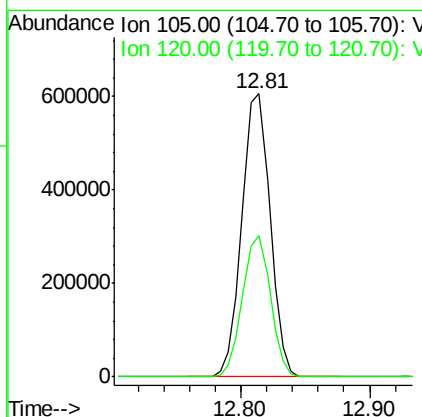
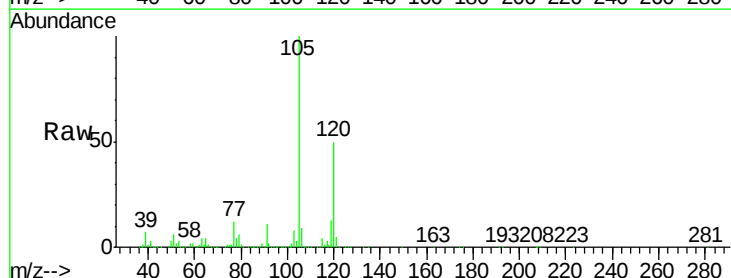
Manual Integrations
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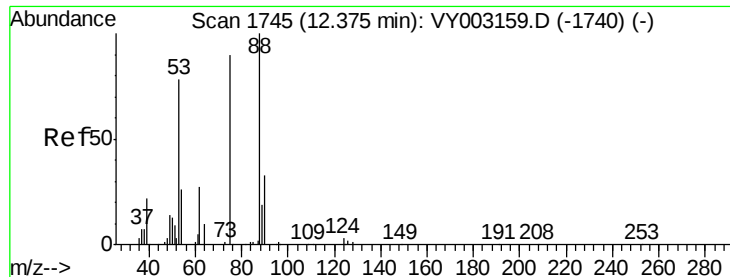
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 54.767 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 105 Resp: 918075
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.854 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

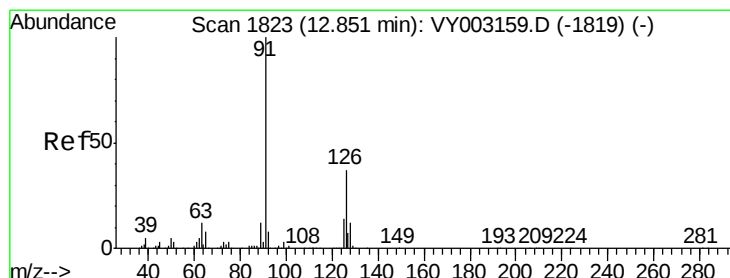
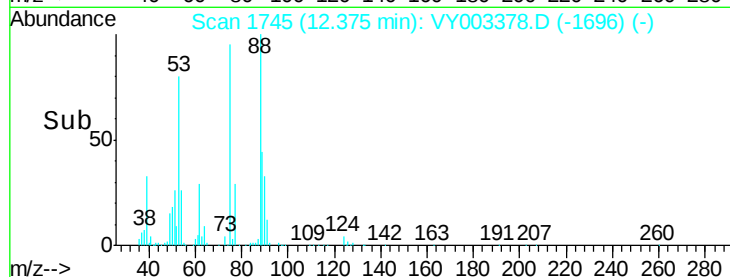
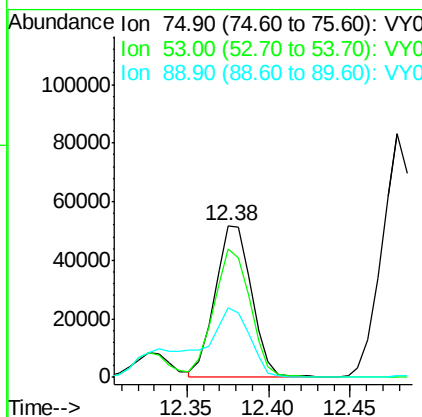
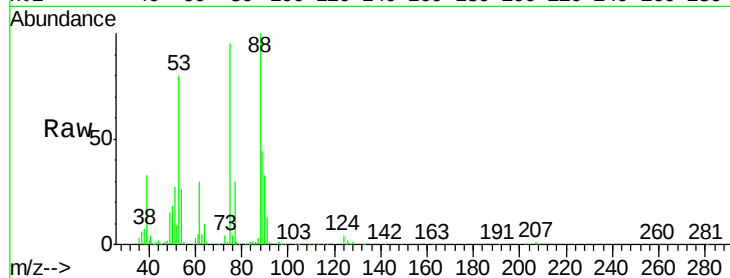
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	80177
Ion	Ratio	Lower	Upper
75	100		
53	85.2	72.0	108.0
89	45.3	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.690 ug/l

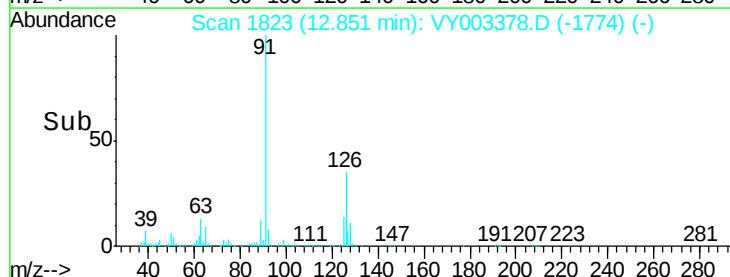
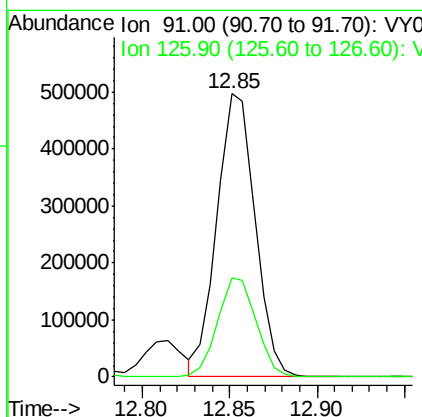
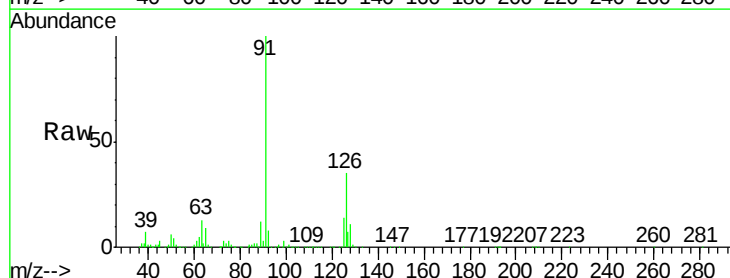
RT: 12.85 min Scan# 1823

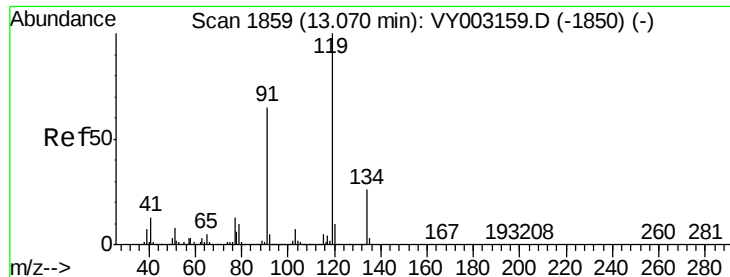
Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Tgt Ion:	91	Resp:	755074
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.9	53.7





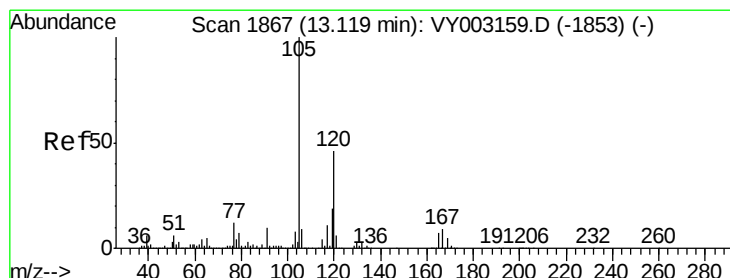
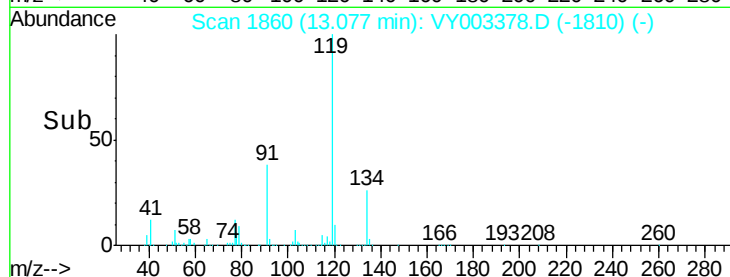
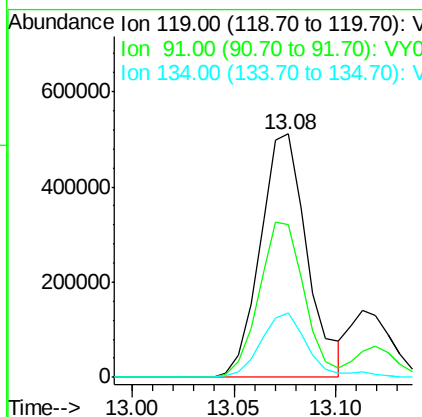
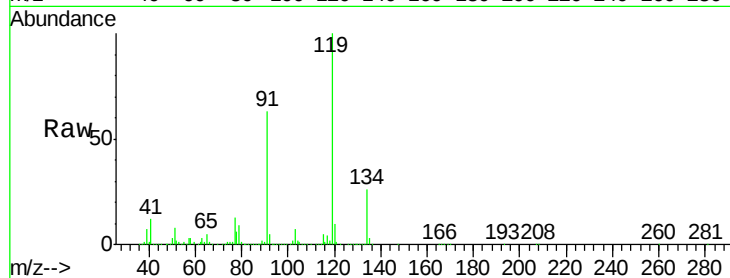
#83
tert-Butylbenzene
Concen: 55.463 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	820360		
91	61.4	30.8	92.4	
134	26.6	13.2	39.6	

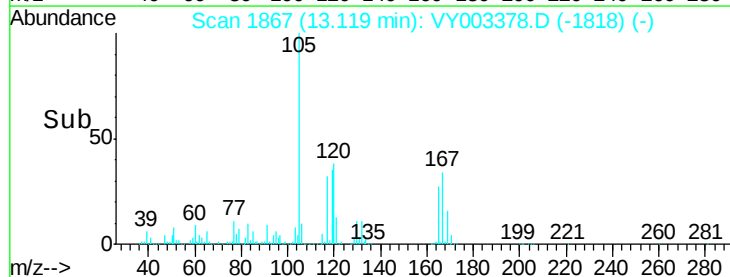
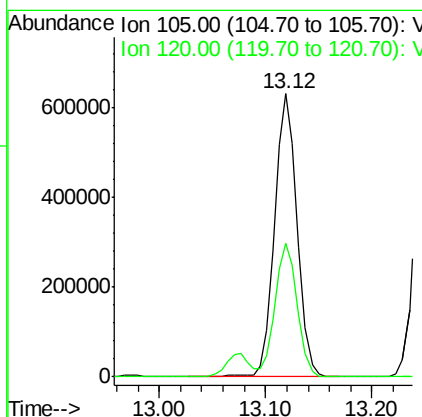
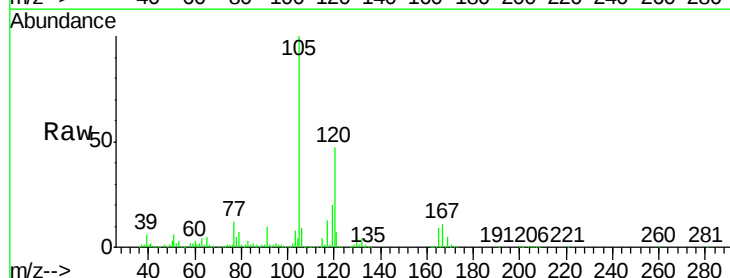
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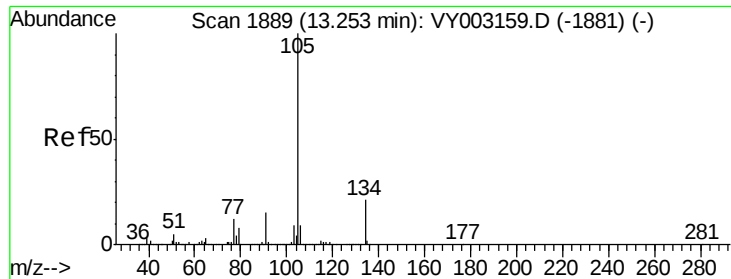
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#84
1,2,4-Trimethylbenzene
Concen: 54.973 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	927198		
120	46.3	22.5	67.5	





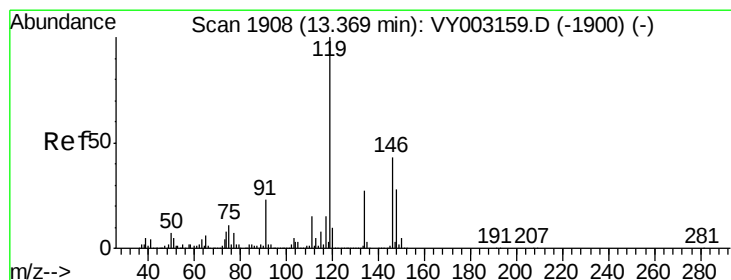
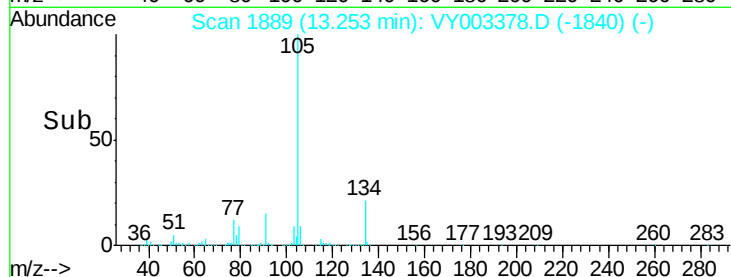
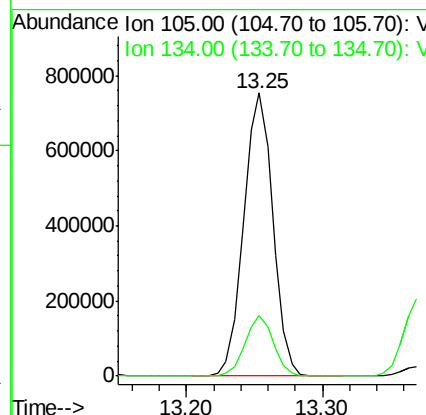
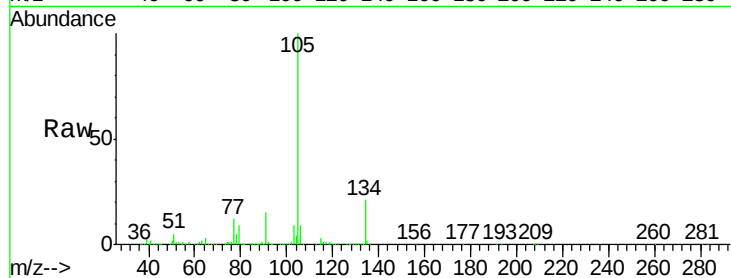
#85
 sec-Butylbenzene
 Concen: 55.331 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1124871
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4

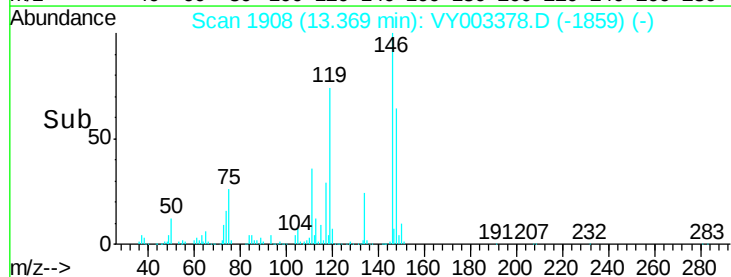
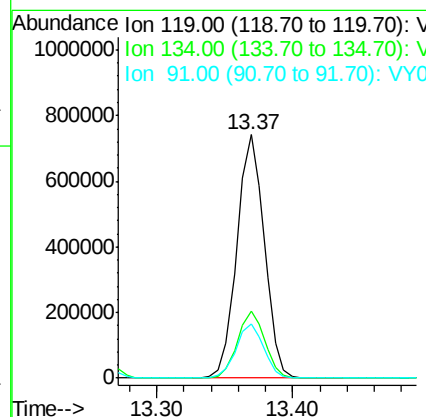
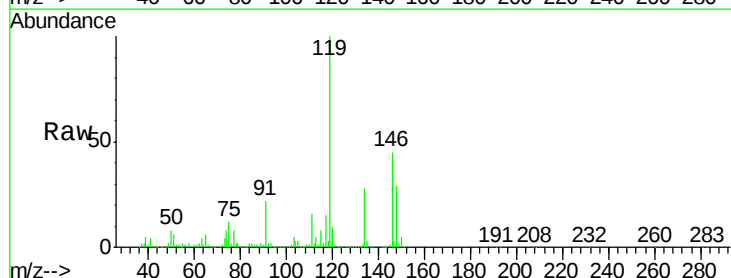
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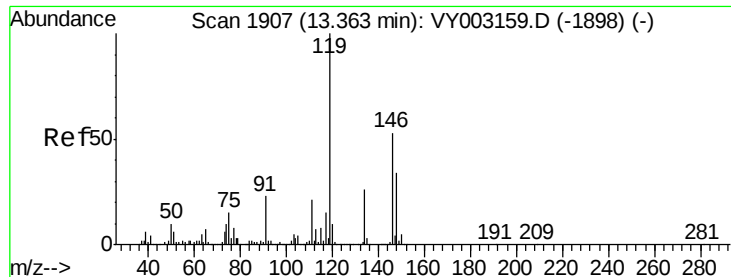
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#86
 p-Isopropyltoluene
 Concen: 54.634 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion:119 Resp: 1037073
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.2
 91 22.4 11.2 33.6





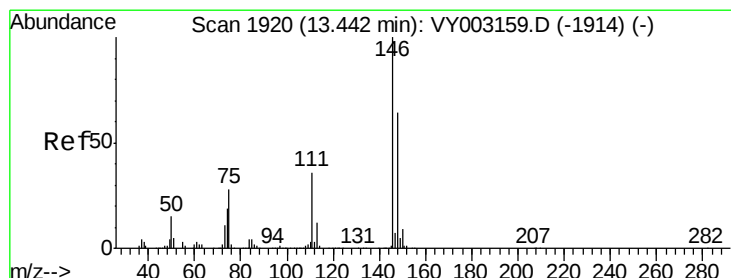
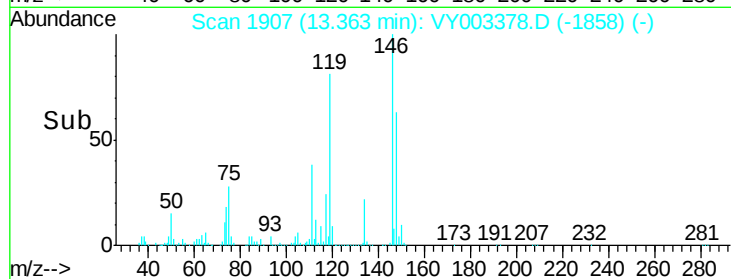
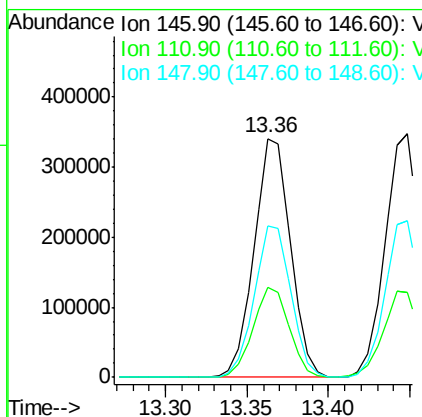
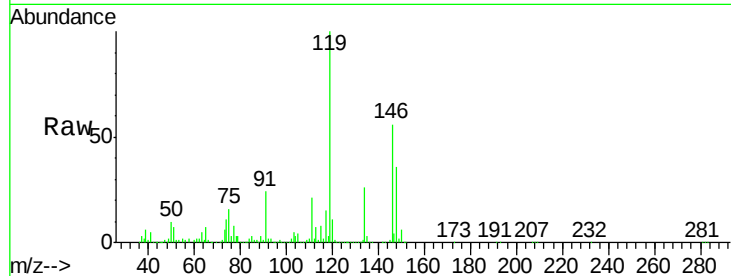
#87
 1,3-Dichlorobenzene
 Concen: 54.538 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	528746		
111	37.5	18.8	56.3	
148	63.9	32.3	96.9	

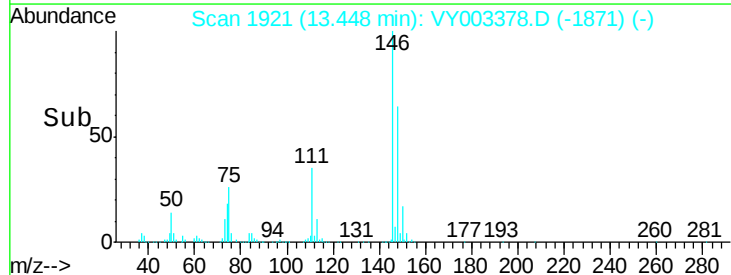
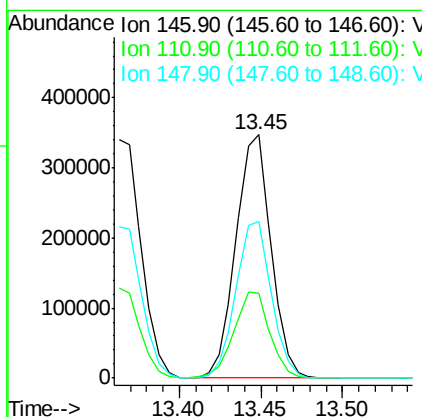
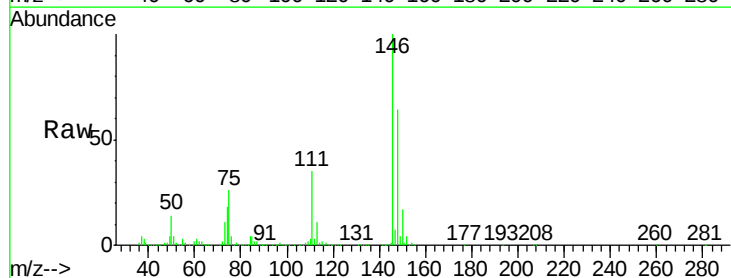
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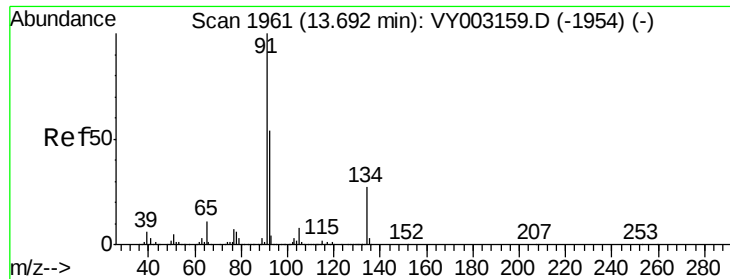
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#88
 1,4-Dichlorobenzene
 Concen: 54.418 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	522337		
111	36.1	18.4	55.0	
148	65.1	32.0	96.0	





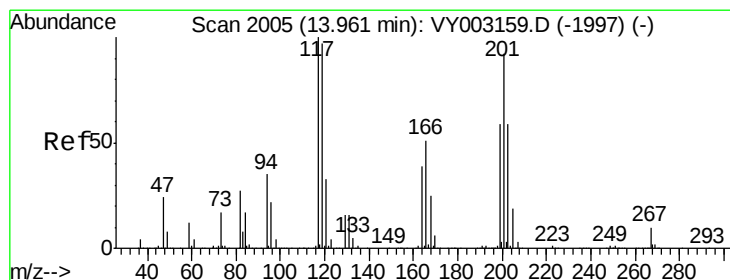
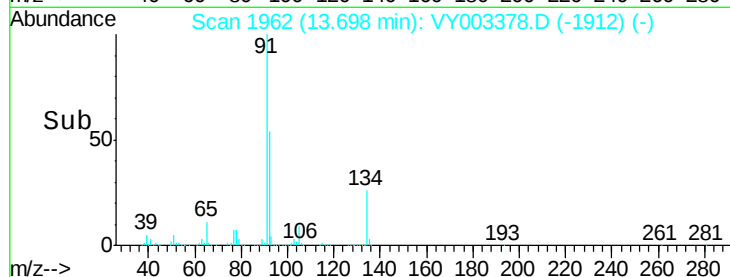
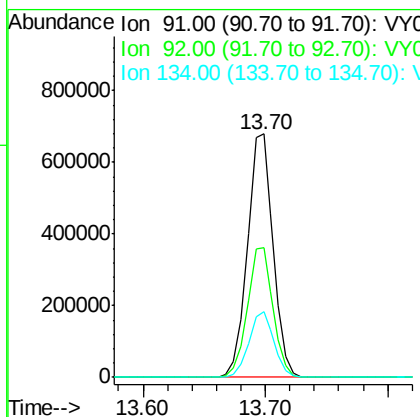
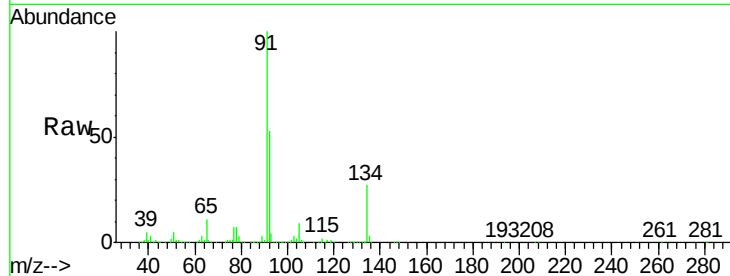
#89
n-Butylbenzene
Concen: 55.282 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	26.6	13.6	40.7

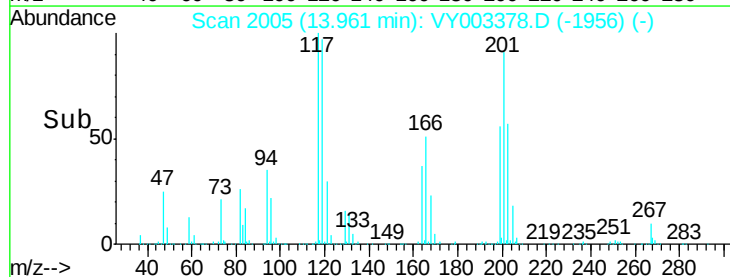
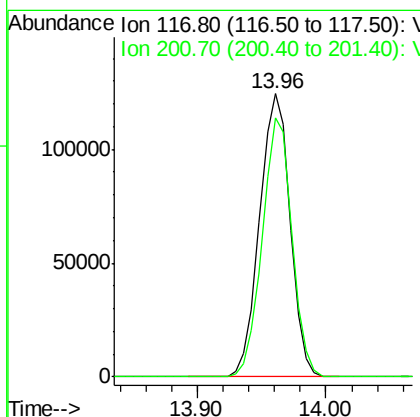
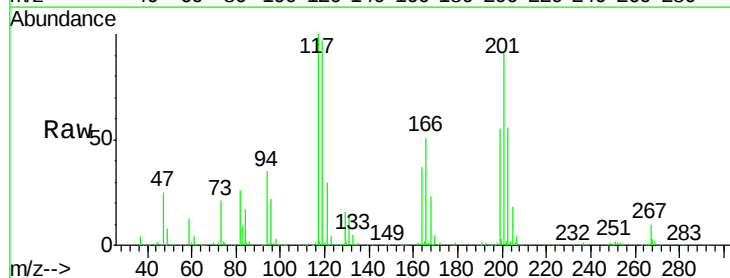
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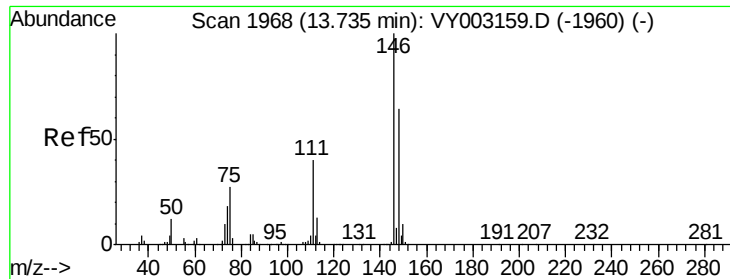
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#90
Hexachloroethane
Concen: 58.762 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	45.1	135.3





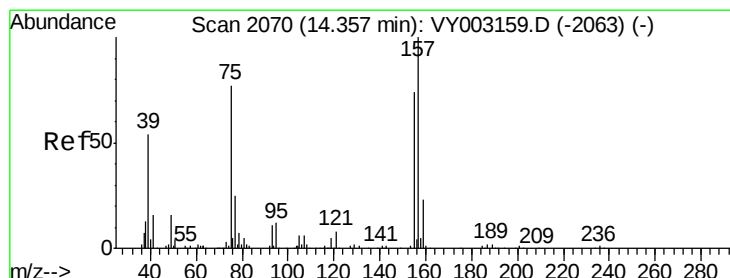
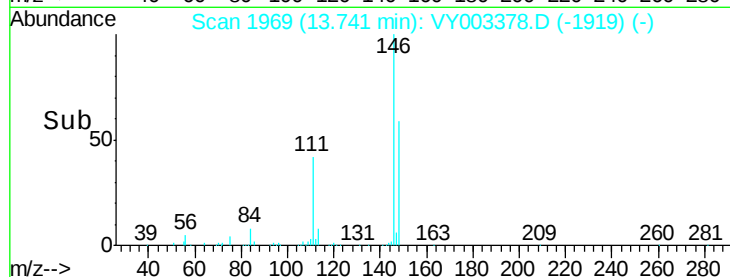
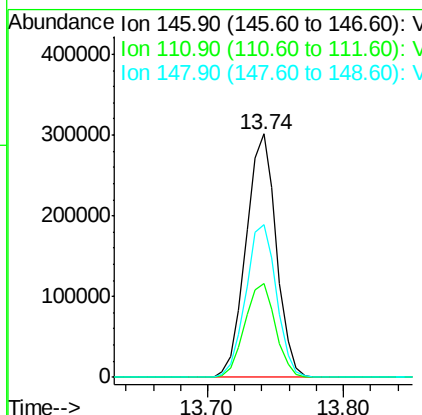
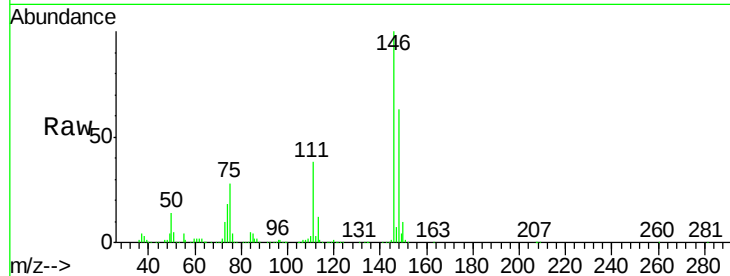
#91
 1,2-Dichlorobenzene
 Concen: 55.180 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	469479		
111	39.1	19.6	58.8	
148	63.8	32.4	97.0	

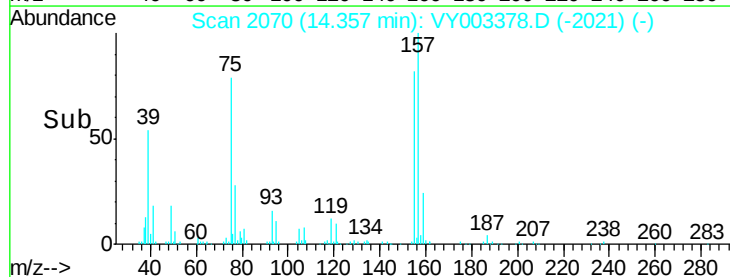
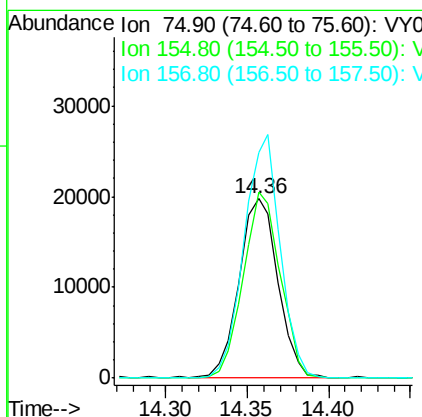
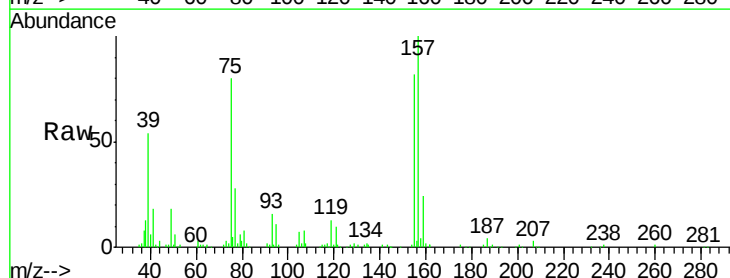
Manual Integrations
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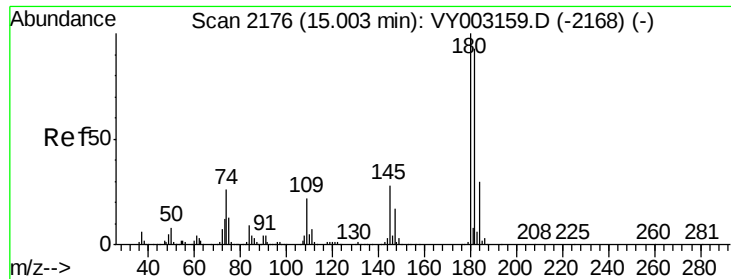
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.657 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32532		
155	99.7	48.1	144.3	
157	127.2	61.9	185.6	





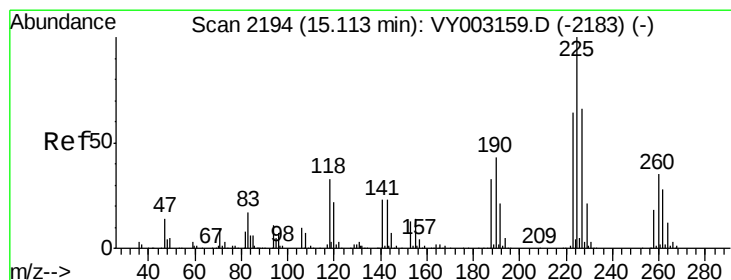
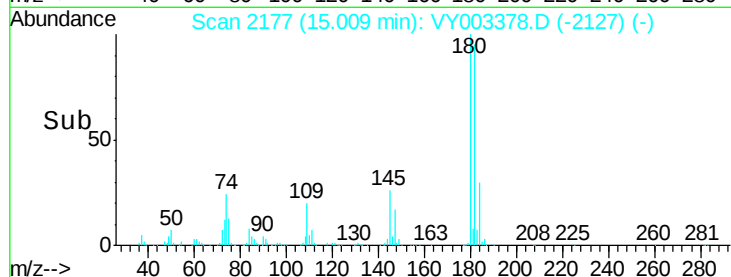
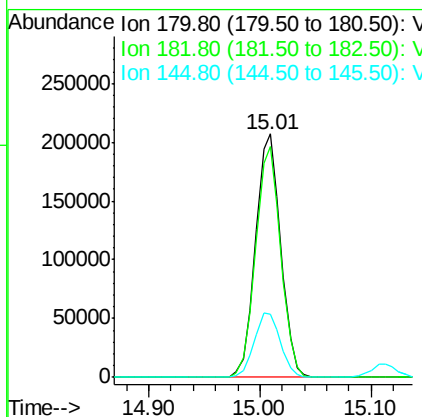
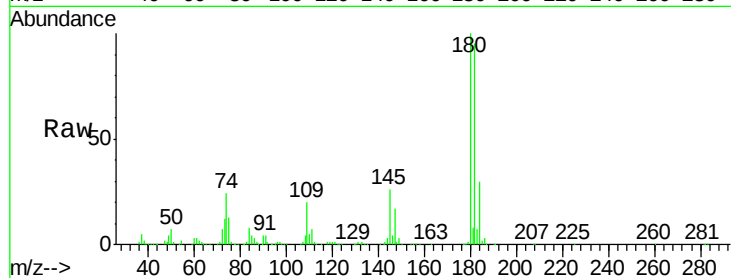
#93
 1,2,4-Trichlorobenzene
 Concen: 53.777 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	325500		
182	94.7	47.3	142.0	
145	27.5	13.7	41.1	

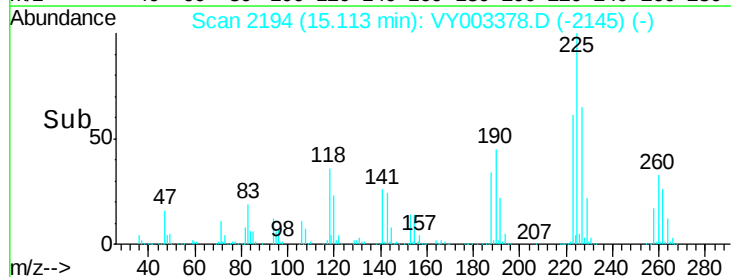
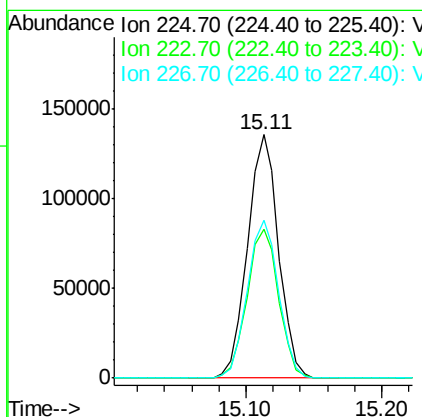
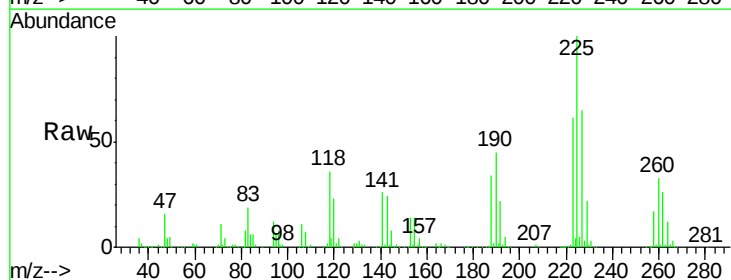
Manual Integrations
 APPROVED

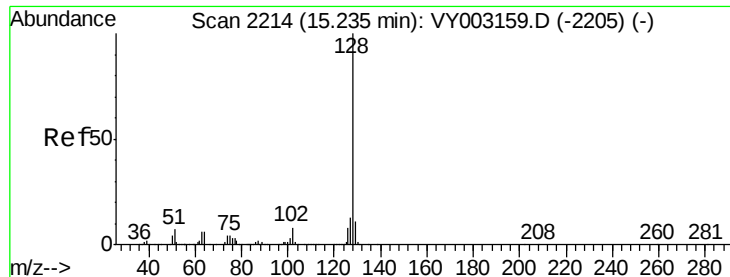
MMDadoda
 7/29/2020 7:07:27 PM



#94
 Hexachlorobutadiene
 Concen: 52.024 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	215763		
223	62.5	31.6	94.7	
227	65.6	32.3	96.8	





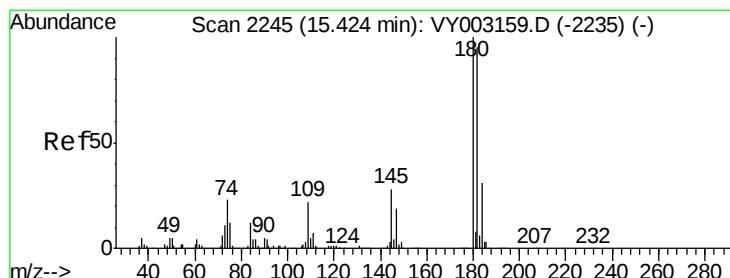
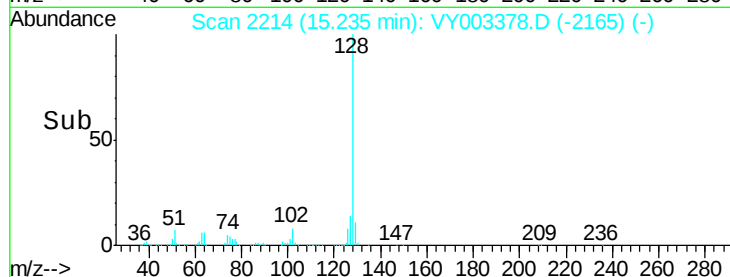
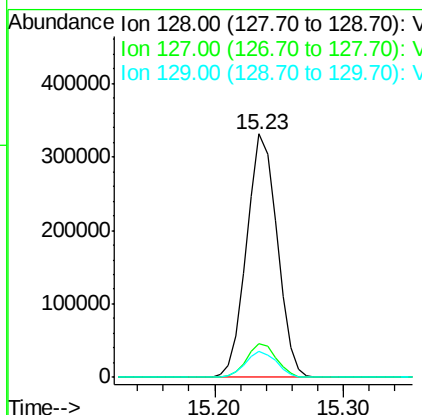
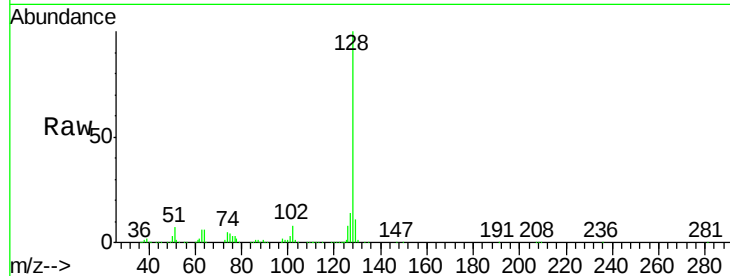
#95
Naphthalene
Concen: 54.162 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	541789		
127	13.5	10.9	16.3	
129	10.9	9.0	13.6	

Manual Integrations
APPROVED

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7/29/2020 7:07:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.296 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	259785		
182	95.4	48.8	146.3	
145	29.4	14.9	44.5	

