

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003026.D
 Acq On : 30 Jun 2020 10:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/1/2020 10:10:55 PM

Quant Time: Jul 01 05:46:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	521092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	750302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	673106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	353154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	241699	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	7.72	113	236277	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.18	98	877465	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.48	95	303452	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	193344	48.993	ug/l	98
3) Chloromethane	2.12	50	245047	42.403	ug/l	99
4) Vinyl Chloride	2.26	62	283986	50.378	ug/l	95
5) Bromomethane	2.65	94	194867	50.914	ug/l	100
6) Chloroethane	2.80	64	180738	50.401	ug/l	99
7) Trichlorofluoromethane	3.13	101	403412	50.703	ug/l	98
8) Diethyl Ether	3.54	74	133464	48.932	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	250302	52.688	ug/l	100
10) Methyl Iodide	4.10	142	316525	53.732	ug/l	99
11) Tert butyl alcohol	4.96	59	120732	228.901	ug/l	100
12) 1,1-Dichloroethene	3.88	96	232770	51.497	ug/l	95
13) Acrolein	3.74	56	100868	212.928	ug/l	100
14) Allyl chloride	4.49	41	375279	47.553	ug/l	98
15) Acrylonitrile	5.17	53	330627	235.199	ug/l	99
16) Acetone	3.96	43	312495	256.012	ug/l	98
17) Carbon Disulfide	4.20	76	728766	50.462	ug/l	99
18) Methyl Acetate	4.48	43	144481	43.934	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	661250	50.187	ug/l	98
20) Methylene Chloride	4.72	84	305743	57.125	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	264222	51.678	ug/l	91
22) Diisopropyl ether	6.13	45	812236	48.019	ug/l	96
23) Vinyl Acetate	6.07	43	2716407	240.206	ug/l	99
24) 1,1-Dichloroethane	6.02	63	461549	49.952	ug/l	99
25) 2-Butanone	6.99	43	459531	236.997	ug/l	100
26) 2,2-Dichloropropane	6.99	77	432010	51.461	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	296084	51.630	ug/l	96
28) Bromochloromethane	7.34	49	193917	47.168	ug/l	91
29) Tetrahydrofuran	7.35	42	295120	228.877	ug/l	94
30) Chloroform	7.51	83	464730	50.769	ug/l	98
31) Cyclohexane	7.79	56	430088	47.249	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	427356	51.147	ug/l	99
36) 1,1-Dichloropropene	7.92	75	375487	51.955	ug/l	98
37) Ethyl Acetate	7.08	43	205489	47.289	ug/l	99
38) Carbon Tetrachloride	7.91	117	393936	52.389	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003026.D
 Acq On : 30 Jun 2020 10:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/1/2020 10:10:55 PM

Quant Time: Jul 01 05:46:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	472486	52.729	ug/l	98
40) Benzene	8.16	78	1021706	51.637	ug/l	99
41) Methacrylonitrile	7.33	41	110197m	47.474	ug/l	
42) 1,2-Dichloroethane	8.24	62	314879	50.305	ug/l	99
43) Isopropyl Acetate	8.27	43	395603	47.889	ug/l	97
44) Trichloroethene	8.94	130	301073	52.352	ug/l	97
45) 1,2-Dichloropropane	9.22	63	267262	50.207	ug/l	95
46) Dibromomethane	9.31	93	151038	50.802	ug/l	98
47) Bromodichloromethane	9.50	83	372456	51.162	ug/l	98
48) Methyl methacrylate	9.29	41	178026	47.346	ug/l	95
49) 1,4-Dioxane	9.30	88	39385	1085.208	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	1027736	240.707	ug/l	98
52) Toluene	10.24	92	646660	51.918	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	391702	51.320	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	450755	51.639	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	214056	51.812	ug/l	99
56) Ethyl methacrylate	10.51	69	305562	51.094	ug/l	97
57) 1,3-Dichloropropane	10.79	76	367385	50.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	754548	246.007	ug/l	98
59) 2-Hexanone	10.83	43	744231	249.379	ug/l	99
60) Dibromochloromethane	10.99	129	276092	52.220	ug/l	99
61) 1,2-Dibromoethane	11.09	107	206323	50.657	ug/l	100
64) Tetrachloroethene	10.72	164	303714	53.313	ug/l	99
65) Chlorobenzene	11.52	112	706137	53.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	279270	53.894	ug/l	99
67) Ethyl Benzene	11.59	91	1289179	53.094	ug/l	99
68) m/p-Xylenes	11.70	106	963037	106.567	ug/l	100
69) o-Xylene	12.03	106	458016	53.785	ug/l	98
70) Styrene	12.04	104	773104	53.141	ug/l	98
71) Bromoform	12.20	173	184253	53.326	ug/l	99
73) Isopropylbenzene	12.33	105	1256629	54.370	ug/l	100
74) N-amyl acetate	12.14	43	378331	50.282	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	244433	52.406	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	183193m	52.414	ug/l	
77) Bromobenzene	12.61	156	316885	53.474	ug/l	99
78) n-propylbenzene	12.67	91	1483837	53.383	ug/l	100
79) 2-Chlorotoluene	12.75	91	836151	53.893	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1044113	53.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	92919	51.724	ug/l	96
82) 4-Chlorotoluene	12.85	91	870216	53.871	ug/l	100
83) tert-Butylbenzene	13.08	119	921171	54.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1043960	53.418	ug/l	99
85) sec-Butylbenzene	13.25	105	1272593	54.215	ug/l	100
86) p-Isopropyltoluene	13.37	119	1188772	54.654	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	595413	53.817	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	585311	53.651	ug/l	100
89) n-Butylbenzene	13.70	91	1136916	54.631	ug/l	100
90) Hexachloroethane	13.96	117	233950	54.167	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	528204	53.212	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	42589	51.581	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003026.D
Acq On : 30 Jun 2020 10:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

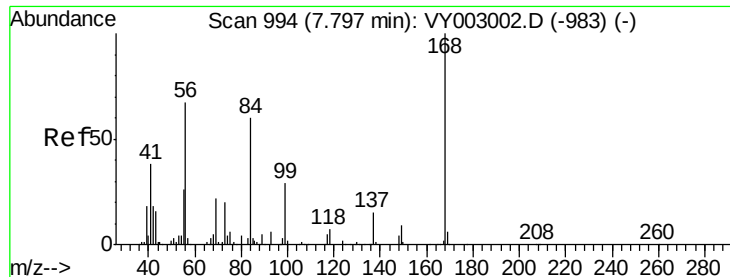
Manual Integrations
APPROVED

sam
7/1/2020 10:10:55 PM

Quant Time: Jul 01 05:46:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	395170	53.575	ug/l	99
94) Hexachlorobutadiene	15.11	225	256508	55.133	ug/l	99
95) Naphthalene	15.23	128	708464	52.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	337759	52.735	ug/l	99

(#) = 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: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 521092

Ion Ratio Lower Upper

168 100

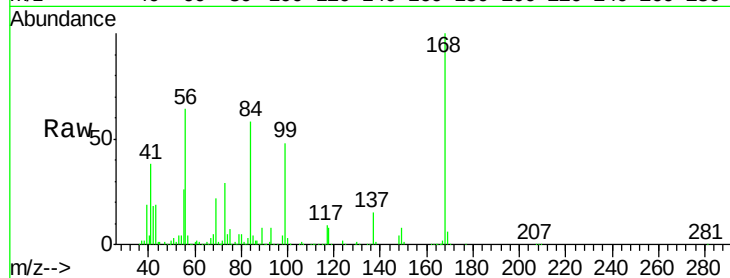
99 48.4 39.2 58.8

Manual Integrations

APPROVED

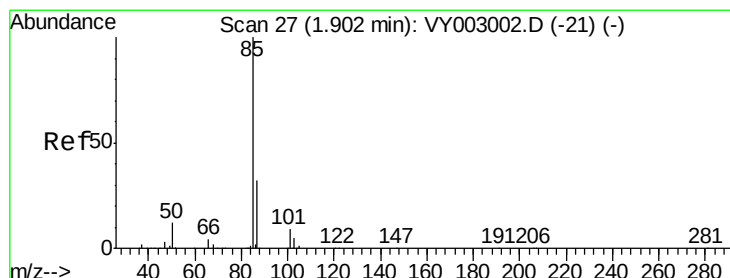
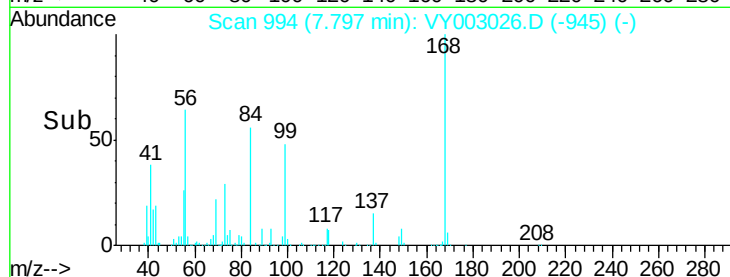
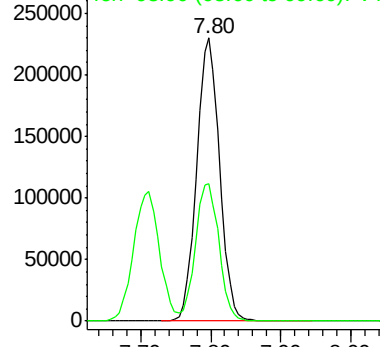
sam

7/1/2020 10:10:55 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 48.993 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003026.D

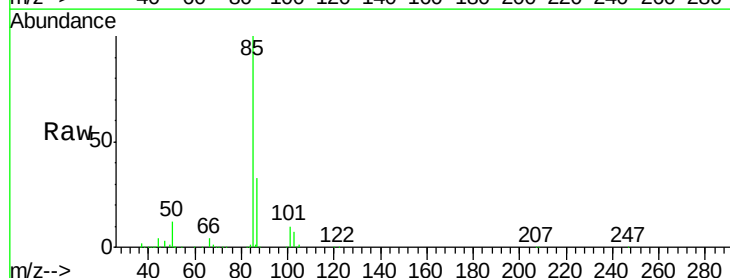
Acq: 30 Jun 2020 10:43

Tgt Ion: 85 Resp: 193344

Ion Ratio Lower Upper

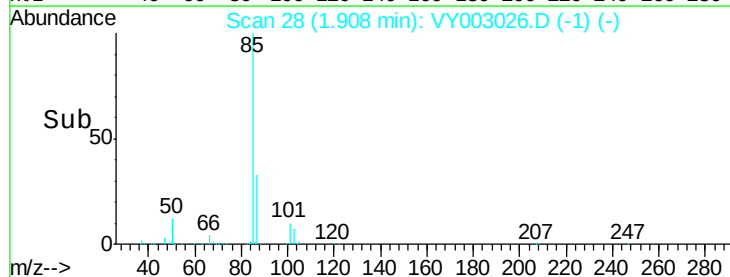
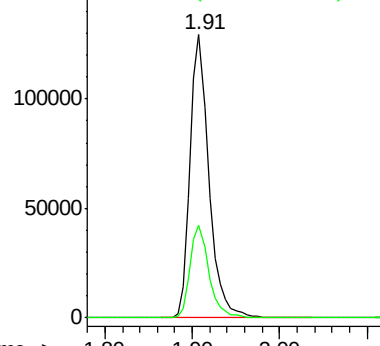
85 100

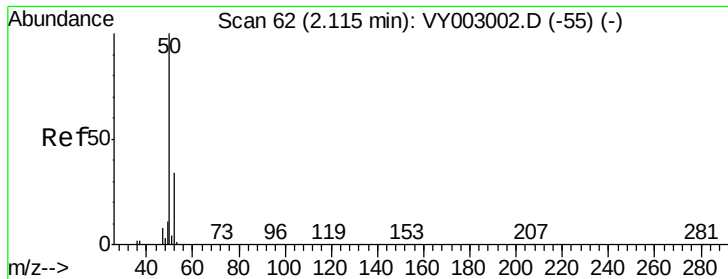
87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 42.403 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 245047

Ion Ratio Lower Upper

50 100

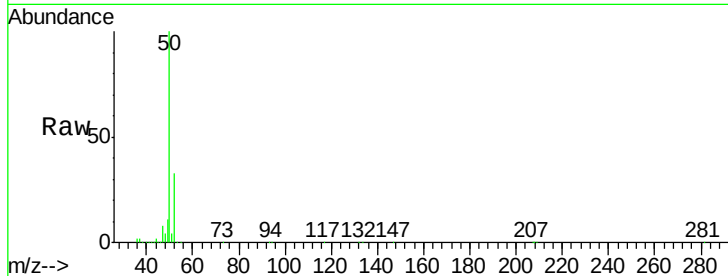
52 33.3 26.9 40.3

Manual Integrations

APPROVED

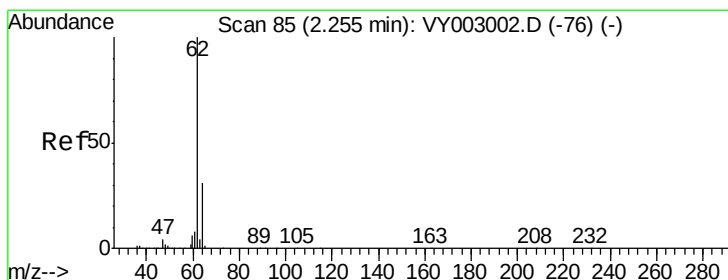
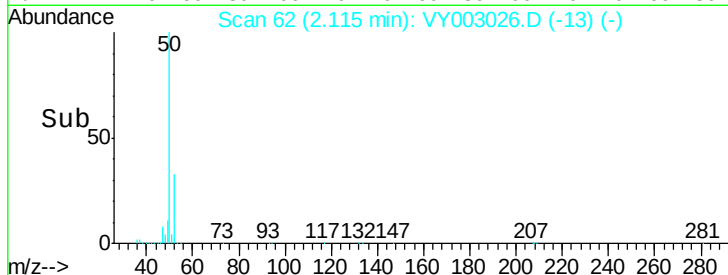
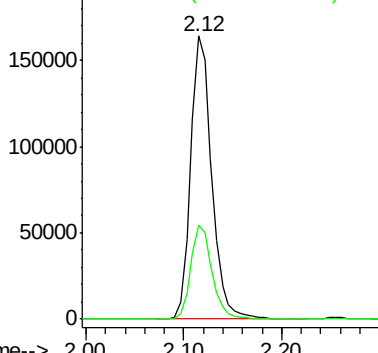
sam

7/1/2020 10:10:55 PM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.378 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003026.D

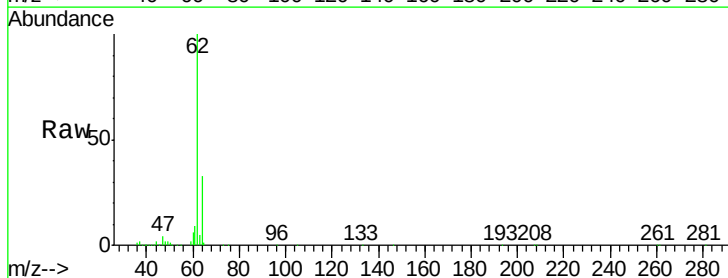
Acq: 30 Jun 2020 10:43

Tgt Ion: 62 Resp: 283986

Ion Ratio Lower Upper

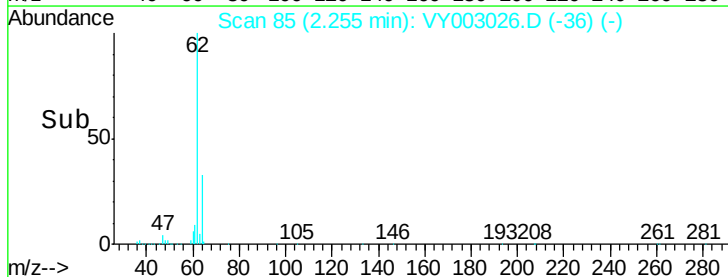
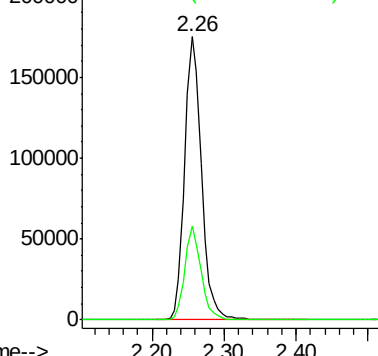
62 100

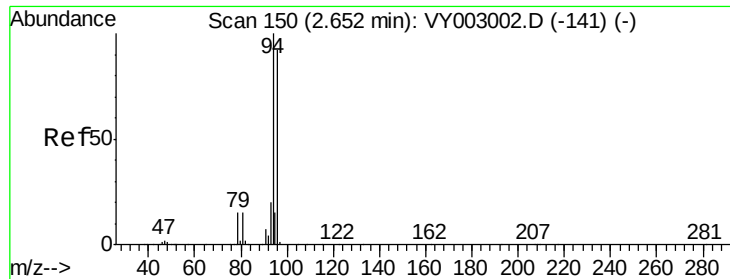
64 33.4 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.914 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 194867

Ion Ratio Lower Upper

94 100

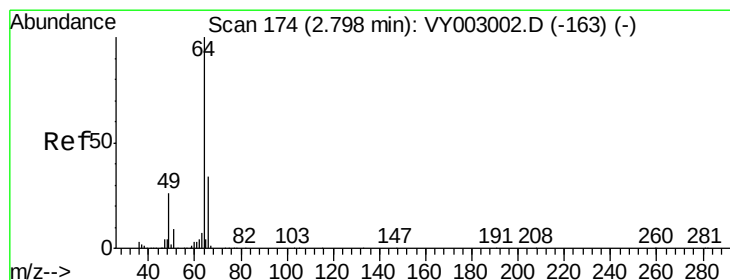
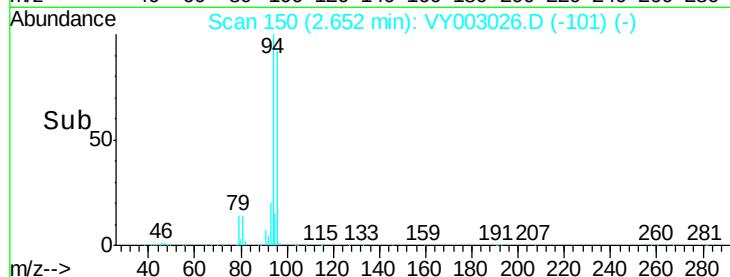
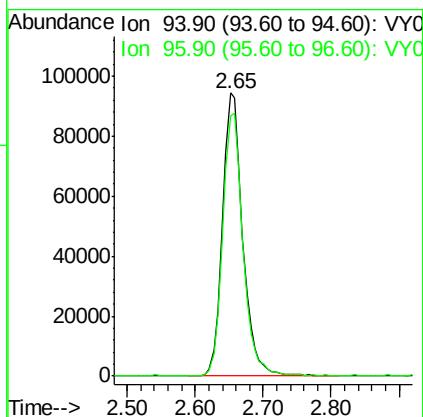
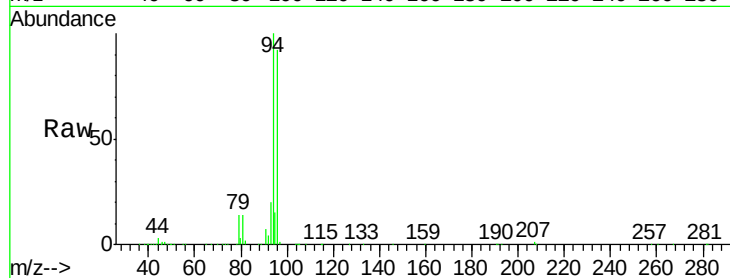
96 92.0 73.4 110.2

Manual Integrations

APPROVED

sam

7/1/2020 10:10:55 PM



#6

Chloroethane

Concen: 50.401 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003026.D

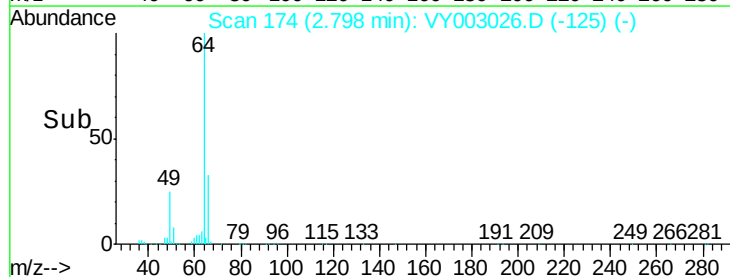
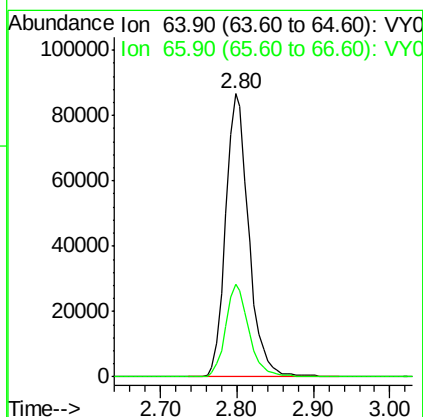
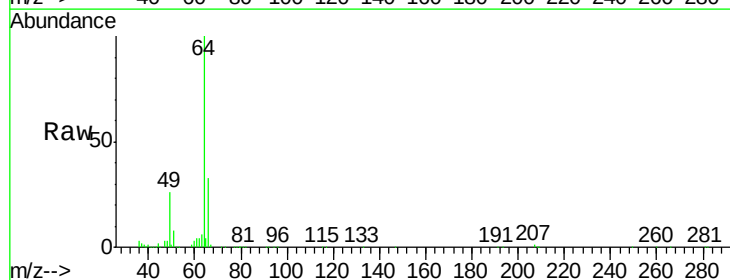
Acq: 30 Jun 2020 10:43

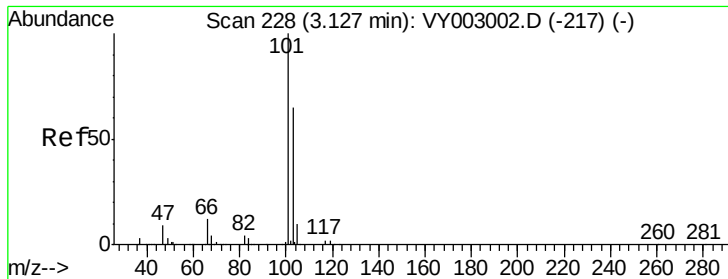
Tgt Ion: 64 Resp: 180738

Ion Ratio Lower Upper

64 100

66 32.9 27.0 40.4





#7

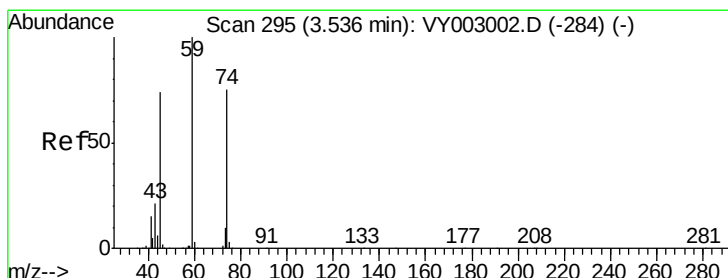
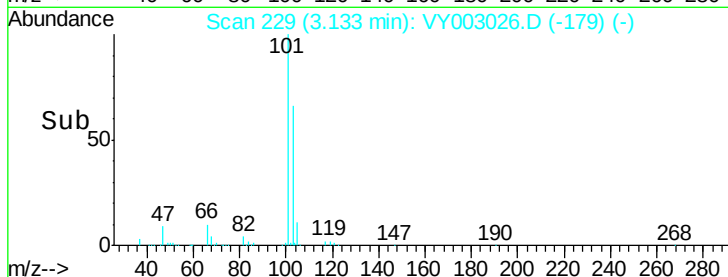
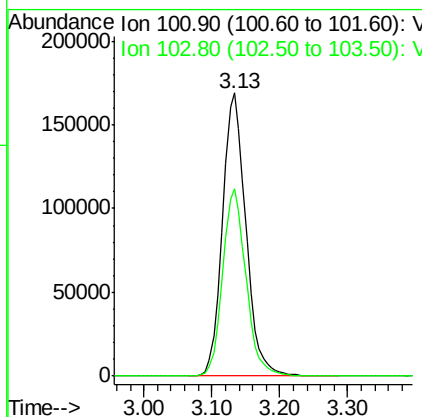
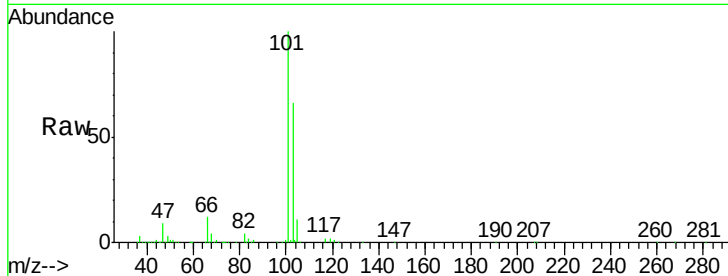
Trichlorofluoromethane
Concen: 50.703 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.6	77.4

Manual Integrations
APPROVED

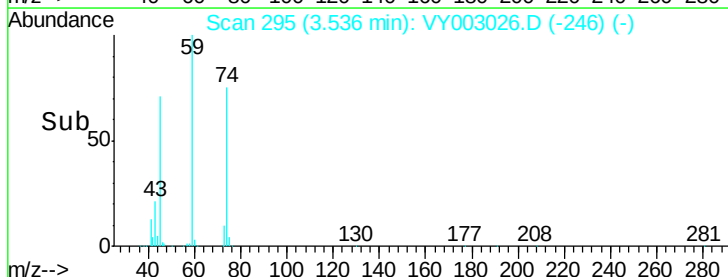
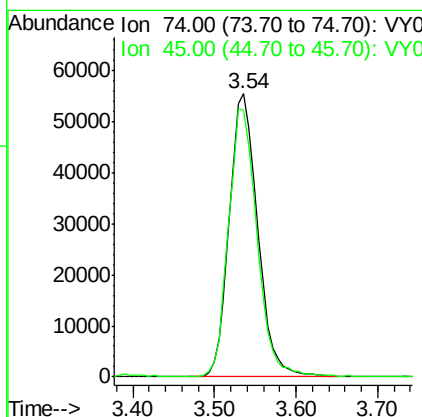
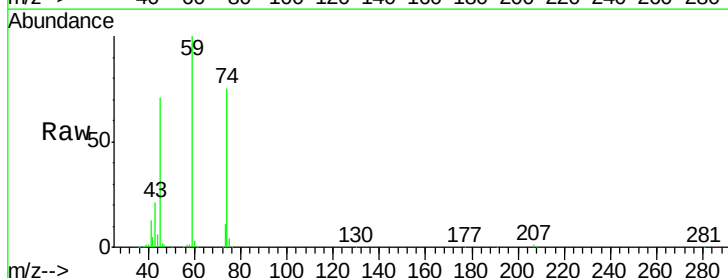
Sam
7/1/2020 10:10:55 PM

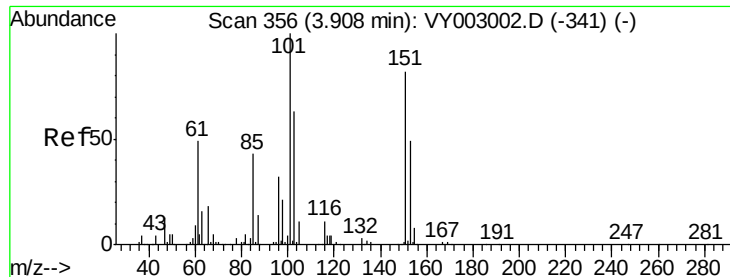


#8

Diethyl Ether
Concen: 48.932 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.688 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

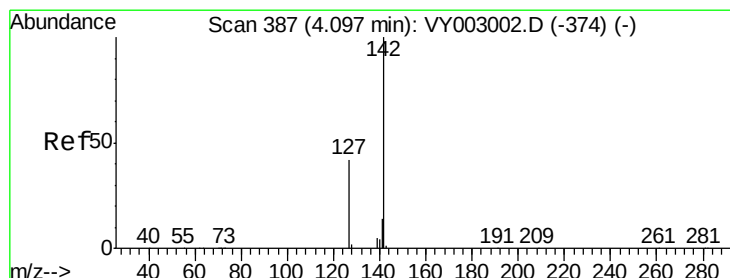
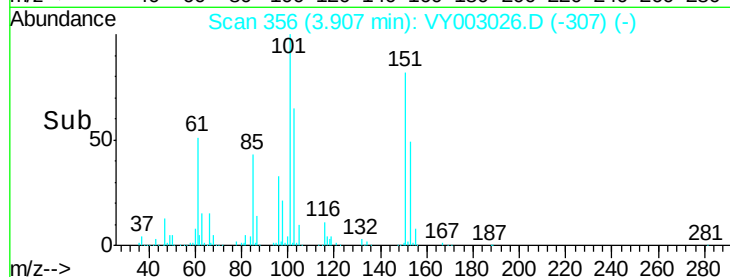
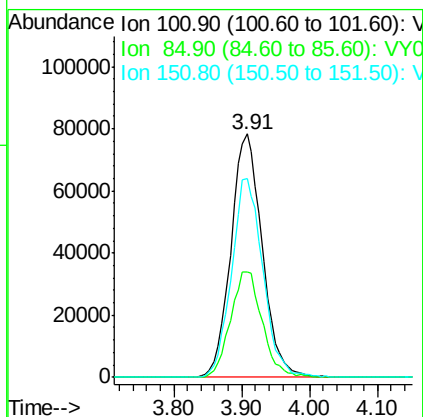
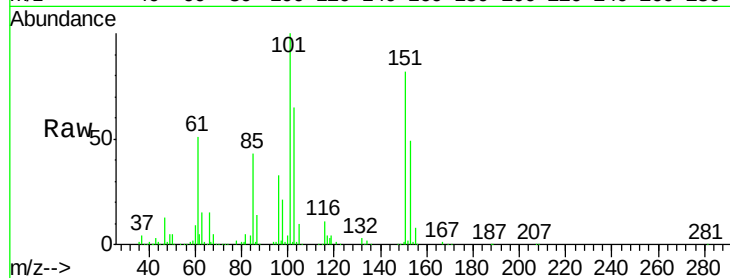
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	250302
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.5	53.3
151	81.9	65.5	98.3

Manual Integrations
APPROVED

sam
7/1/2020 10:10:55 PM



#10

Methyl Iodide

Concen: 53.732 ug/l

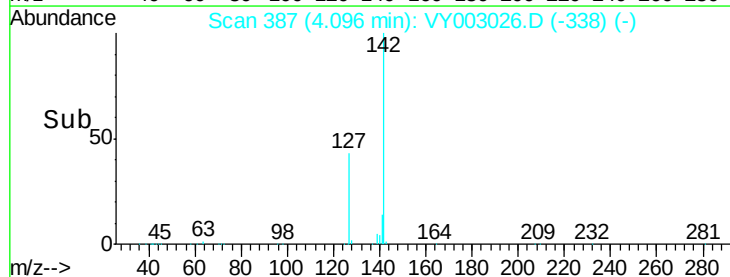
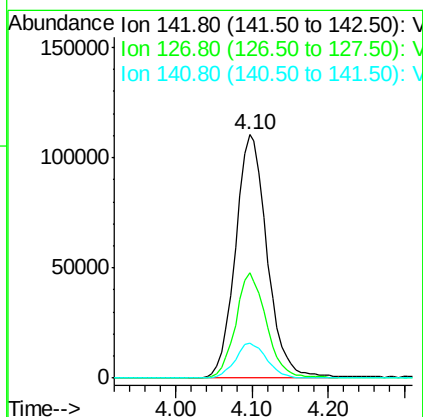
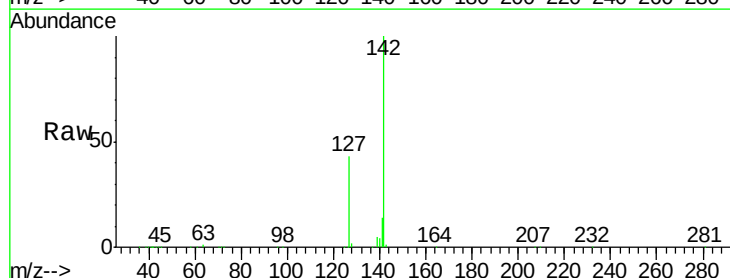
RT: 4.10 min Scan# 387

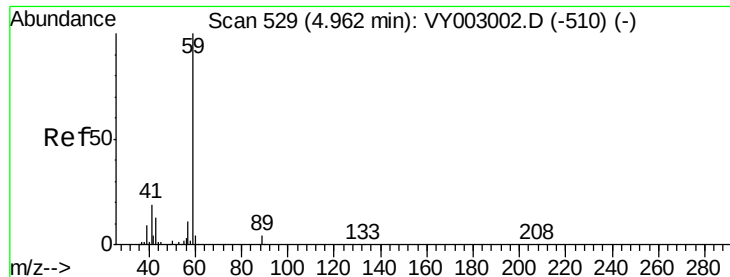
Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion:	142	Resp:	316525
Ion Ratio	Lower	Upper	
142	100		
127	41.9	34.2	51.2
141	14.3	11.7	17.5





#11

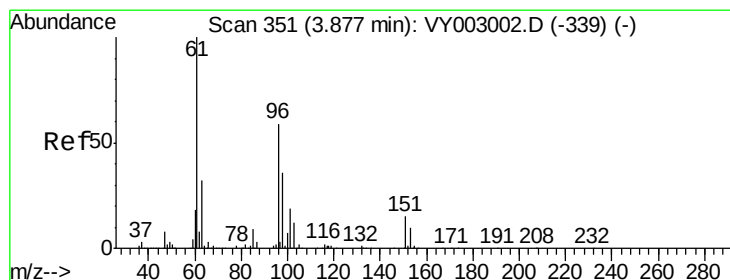
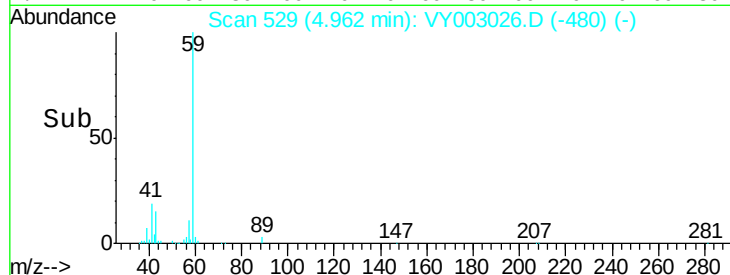
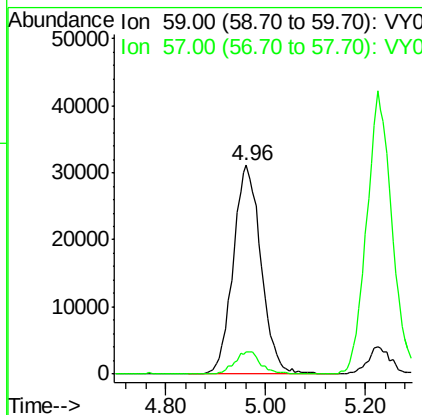
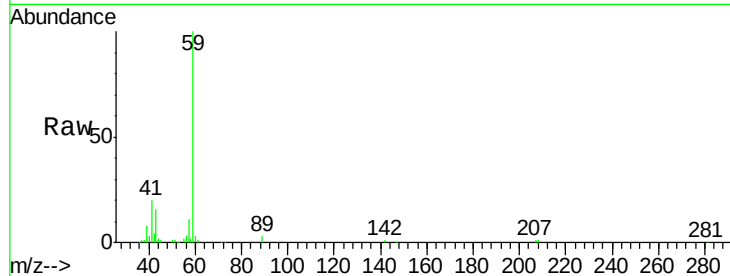
Tert butyl alcohol
 Concen: 228.901 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	120732		
57	57	10.1		8.0	12.0

Manual Integrations
 APPROVED

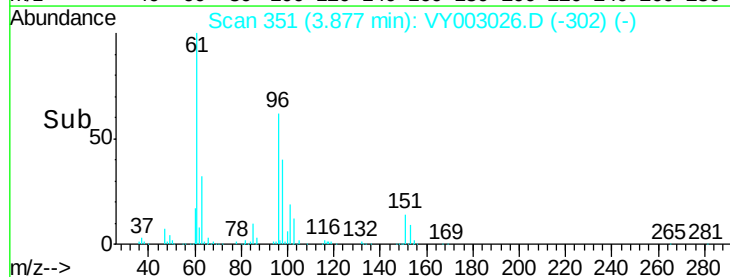
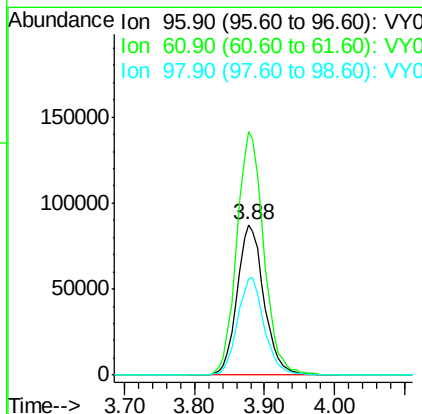
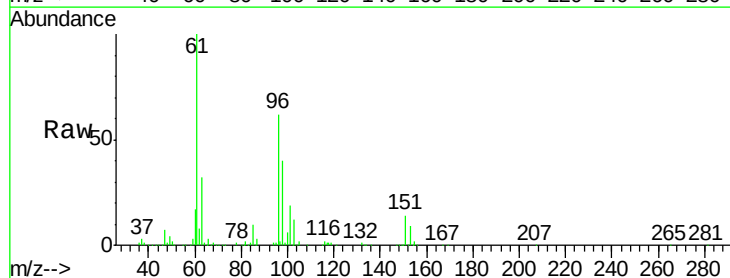
7/1/2020 10:10:55 PM

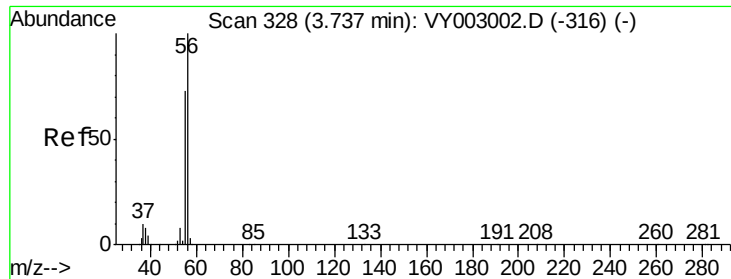


#12

1,1-Dichloroethene
 Concen: 51.497 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	232770		
61	61	162.1		136.7	205.1
98	98	64.2		49.7	74.5





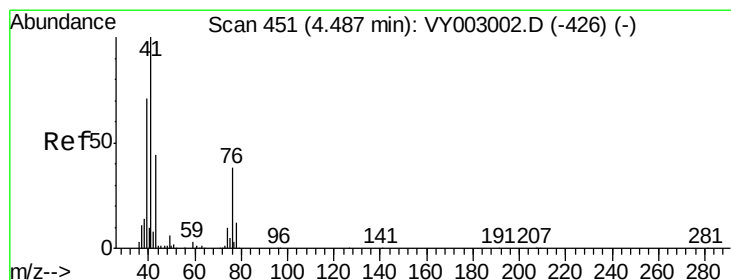
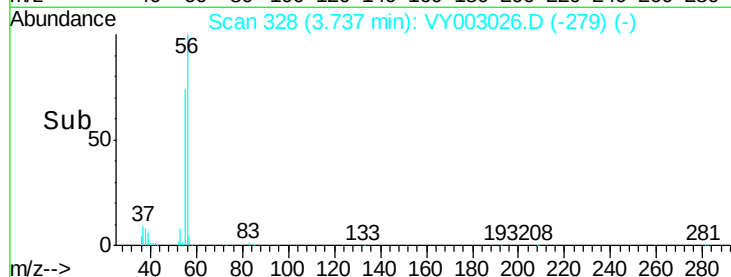
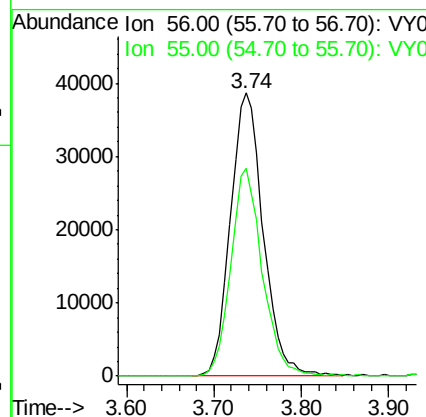
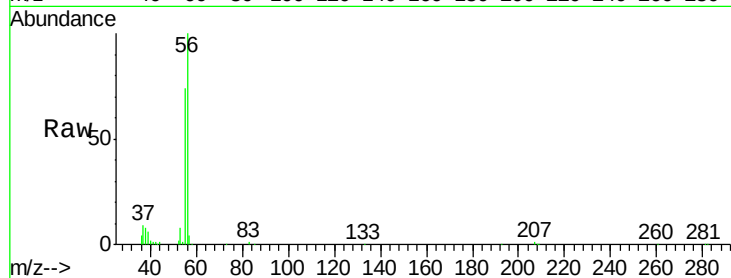
#13
 Acrolein
 Concen: 212.928 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	56	Resp	100868
Ion Ratio	56	100	
Lower	55	70.6	56.4
Upper			84.6

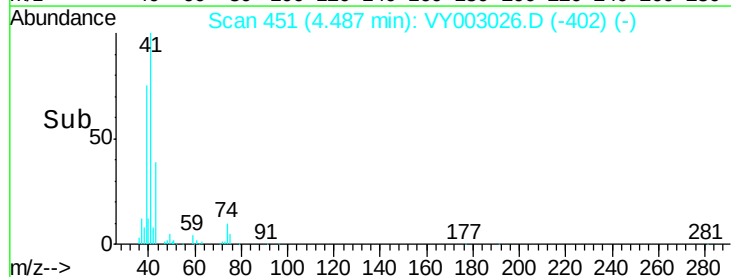
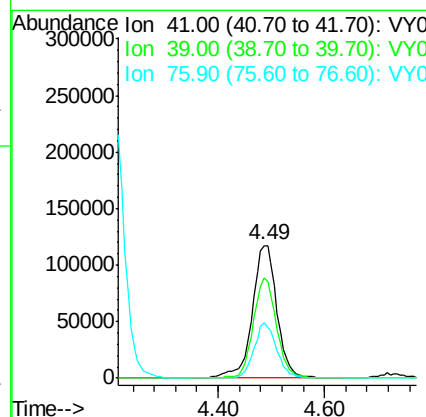
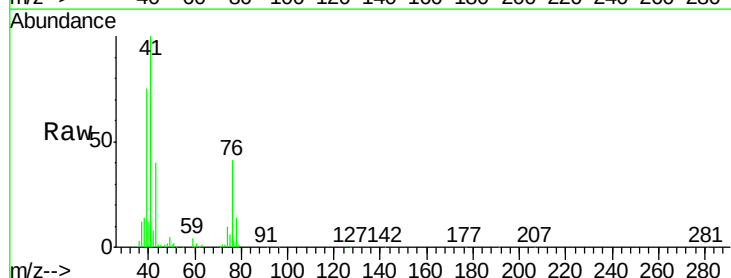
Manual Integrations
 APPROVED

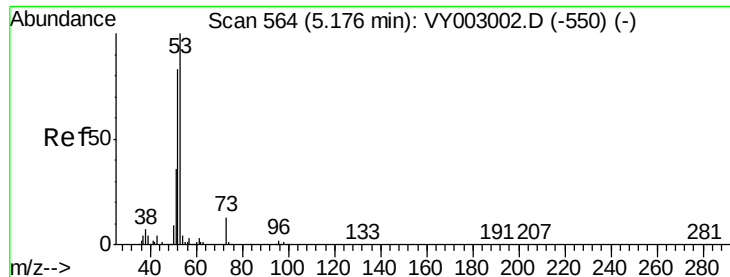
Sam
 7/1/2020 10:10:55 PM



#14
 Allyl chloride
 Concen: 47.553 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	41	Resp	375279
Ion Ratio	41	100	
Lower	39	70.6	55.6
Upper			83.4
	76	37.8	28.6
			43.0





#15

Acrylonitrile

Concen: 235.199 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

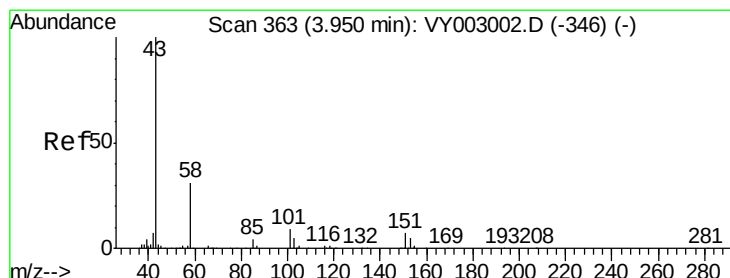
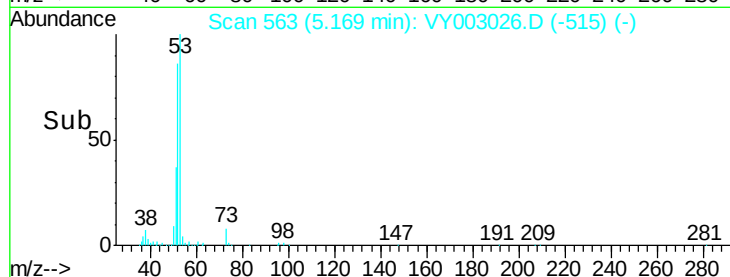
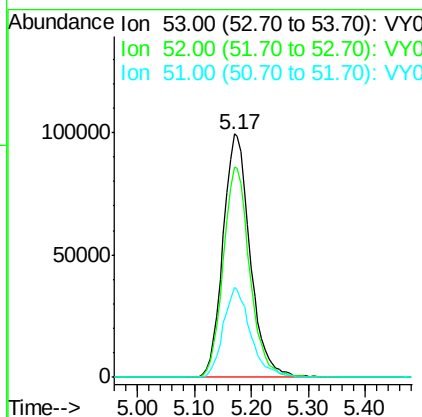
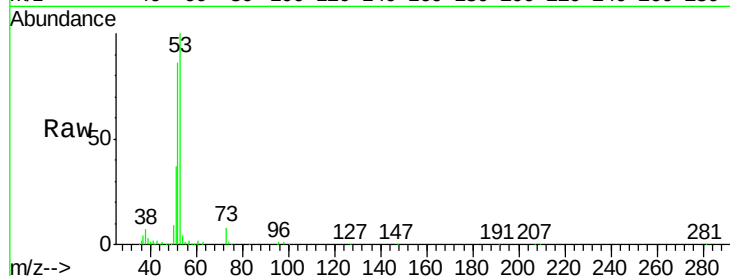
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	330627
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.2	99.2
51	37.0	29.5	44.3

Manual Integrations
APPROVED

Sam
7/1/2020 10:10:55 PM



#16

Acetone

Concen: 256.012 ug/l

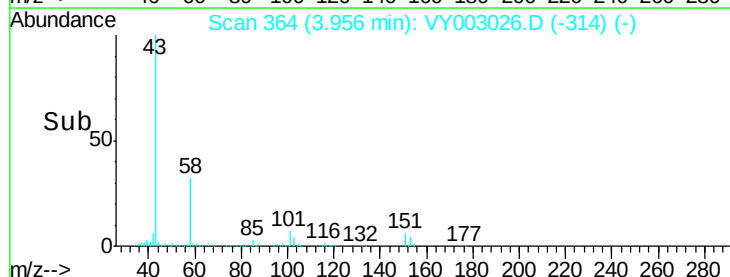
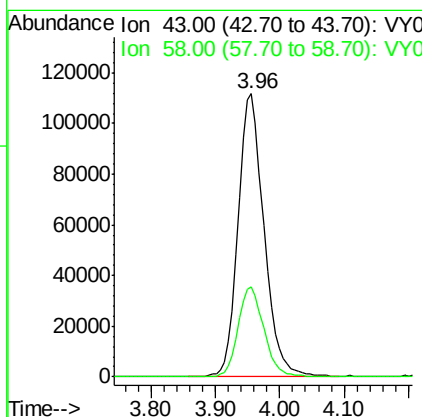
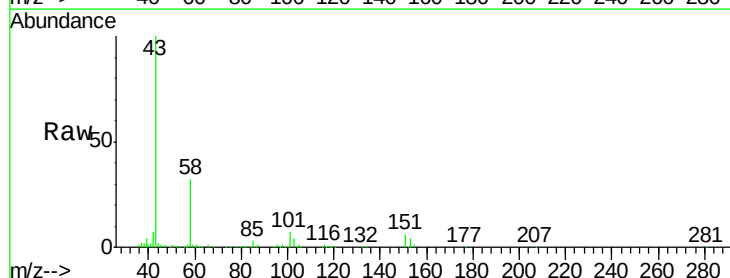
RT: 3.96 min Scan# 364

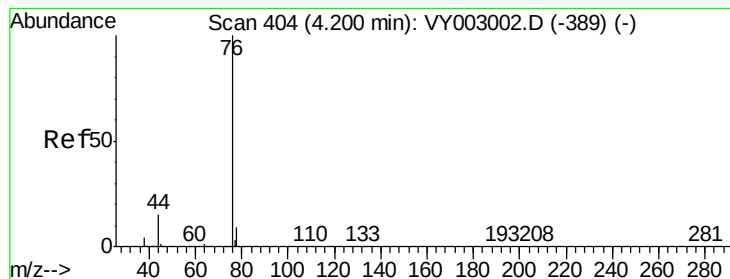
Delta R.T. 0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion:	43	Resp:	312495
Ion Ratio	Lower	Upper	
43	100		
58	32.0	24.7	37.1





#17

Carbon Disulfide

Concen: 50.462 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 728766

Ion Ratio Lower Upper

76 100

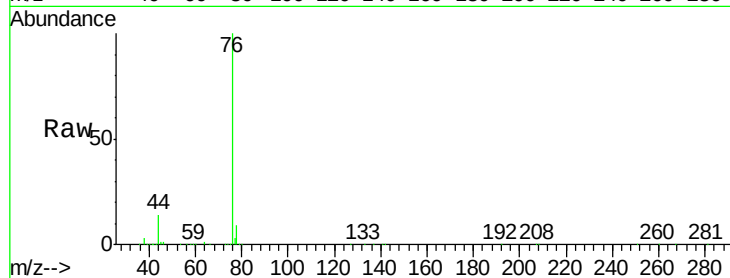
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Sam

7/1/2020 10:10:55 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

250000

200000

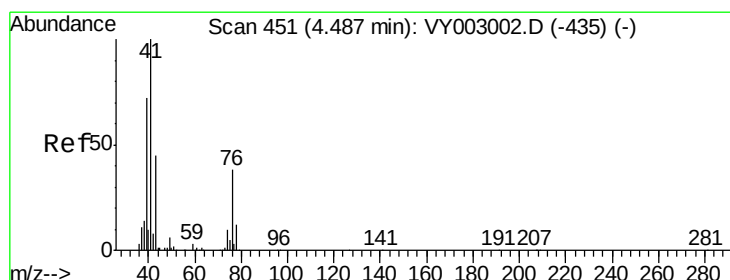
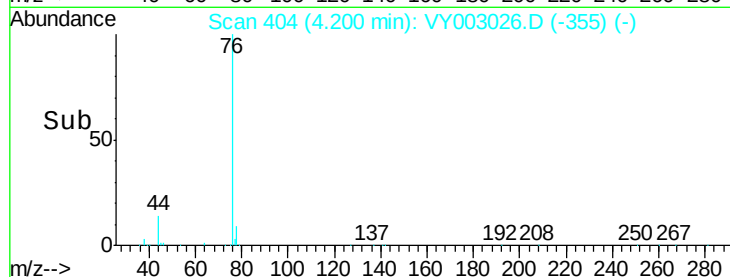
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 43.934 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003026.D

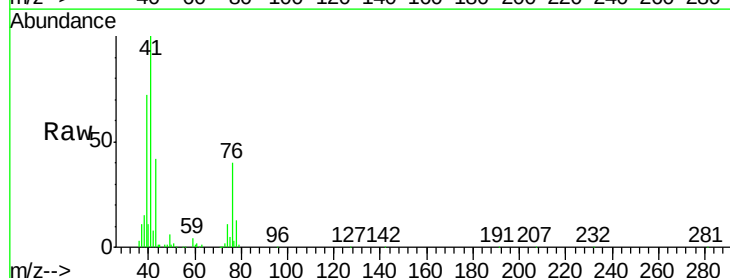
Acq: 30 Jun 2020 10:43

Tgt Ion: 43 Resp: 144481

Ion Ratio Lower Upper

43 100

74 25.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

50000

40000

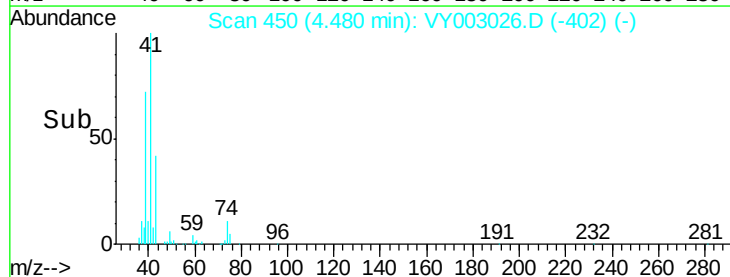
30000

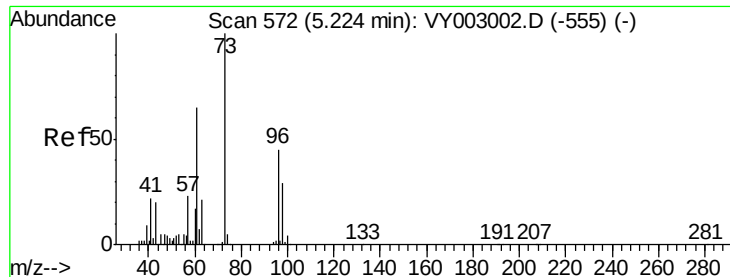
20000

10000

0

Time--> 4.40 4.50 4.60 4.70





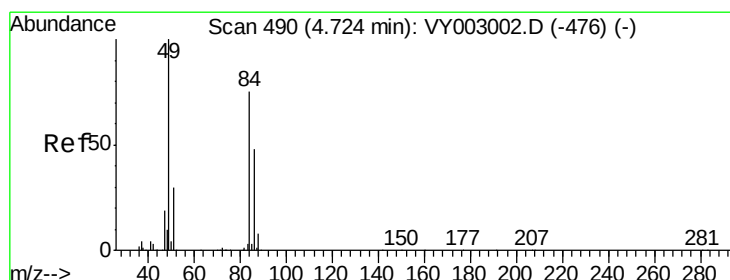
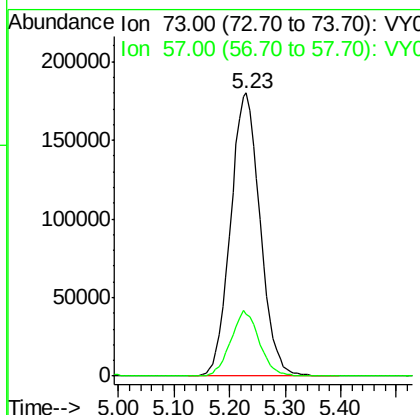
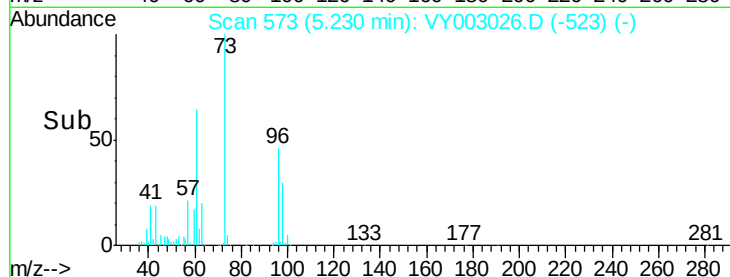
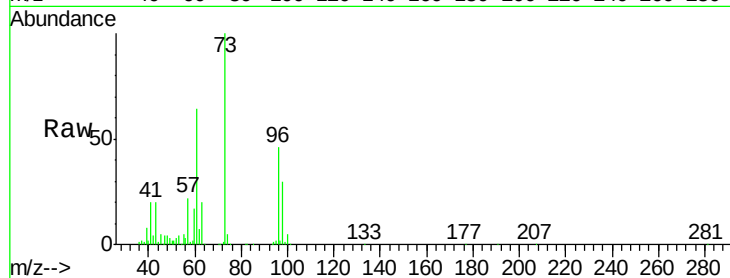
#19
Methyl tert-butyl Ether
Concen: 50.187 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 661250
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2

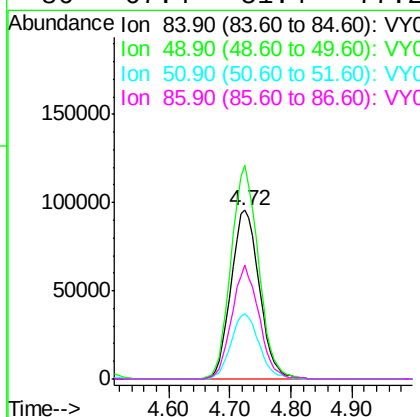
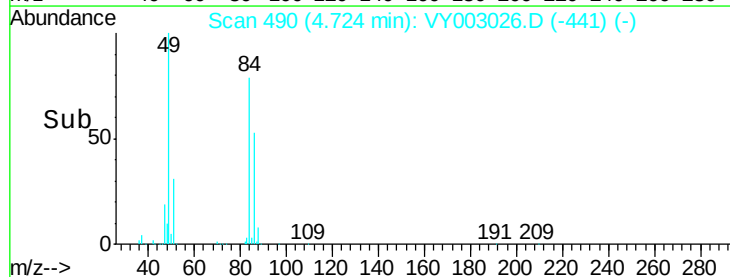
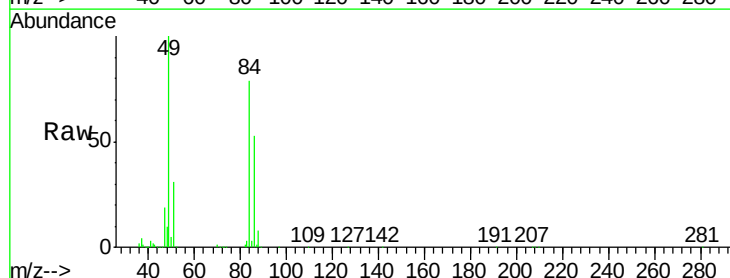
Manual Integrations
APPROVED

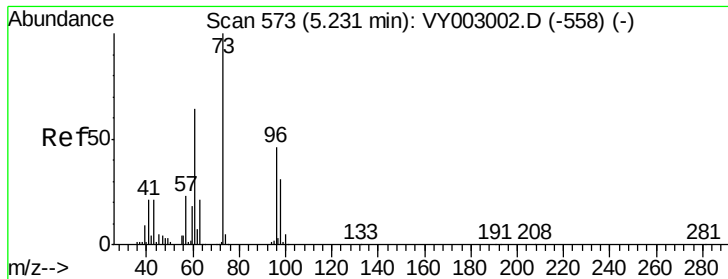
sam
7/1/2020 10:10:55 PM



#20
Methylene Chloride
Concen: 57.125 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion: 84 Resp: 305743
Ion Ratio Lower Upper
84 100
49 126.5 106.8 160.2
51 39.0 32.0 48.0
86 67.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 51.678 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

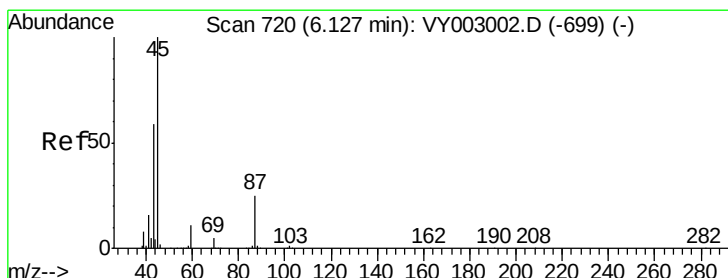
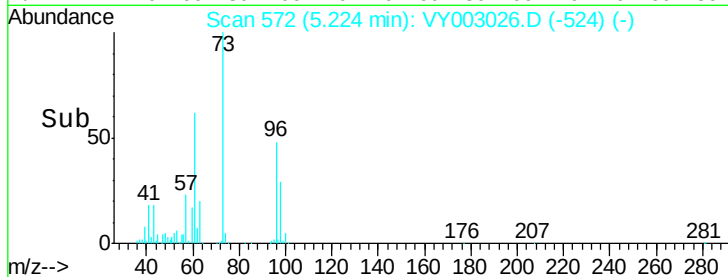
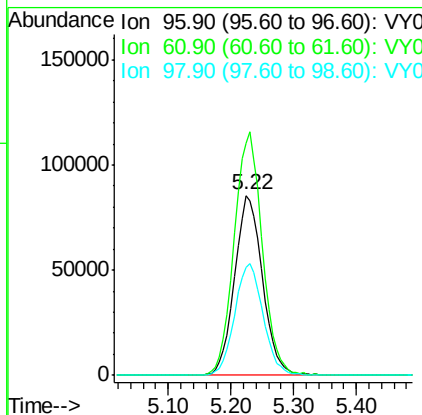
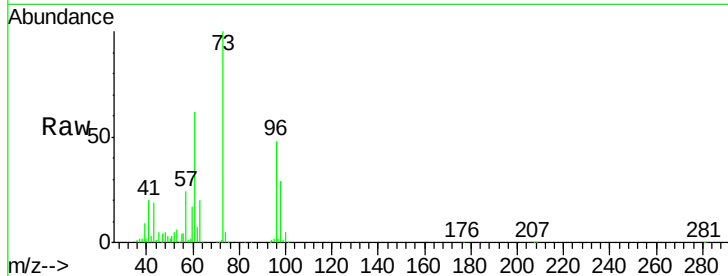
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	264222
Ion	Ratio	Lower	Upper
96	100		
61	129.6	112.3	168.5
98	60.0	53.8	80.8

Manual Integrations
APPROVED

sam
7/1/2020 10:10:55 PM



#22

Diisopropyl ether

Concen: 48.019 ug/l

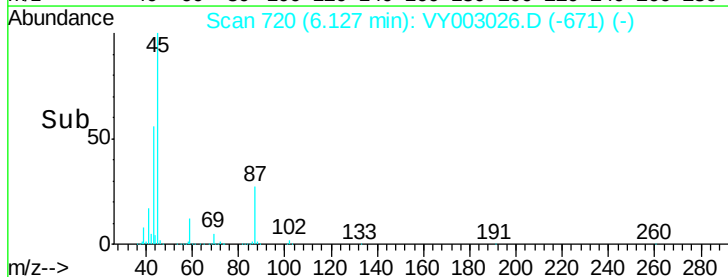
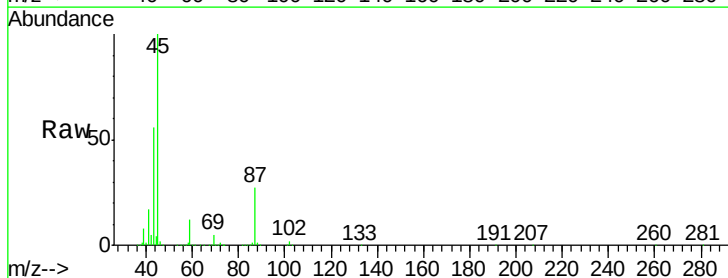
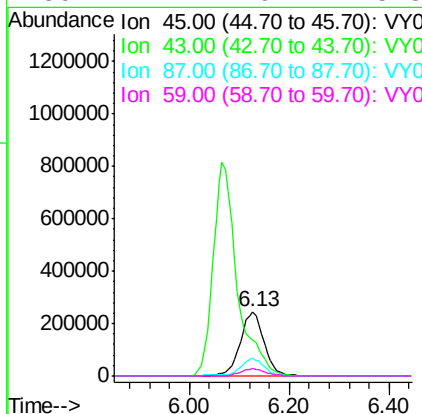
RT: 6.13 min Scan# 720

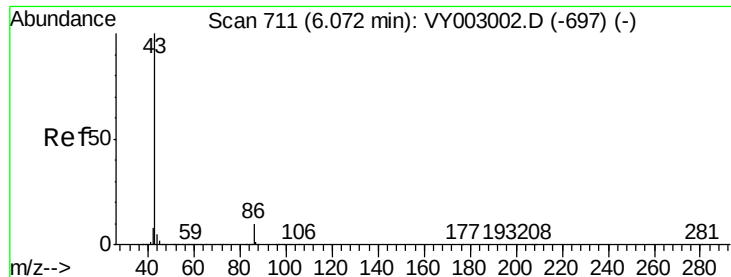
Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion:	45	Resp:	812236
Ion	Ratio	Lower	Upper
45	100		
43	55.9	47.4	71.2
87	27.2	20.2	30.2
59	12.1	9.2	13.8





#23

Vinyl Acetate

Concen: 240.206 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tot Ion: 43 Resp: 2716407

Ion Ratio Lower Upper

43 100

86 10.5 8.1 12.1

Instrument :

MSVOA_Y

ClientSampleId :

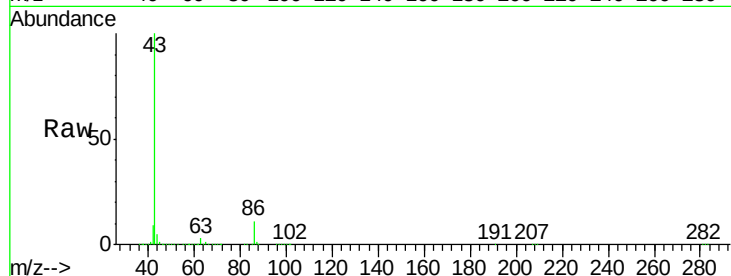
VSTDCCC050

Manual Integrations

APPROVED

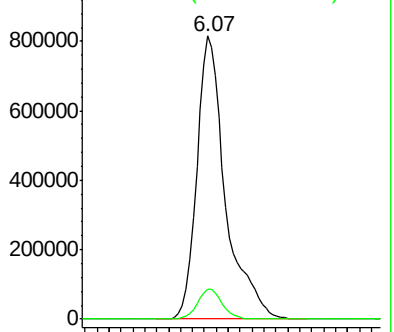
sam

7/1/2020 10:10:55 PM

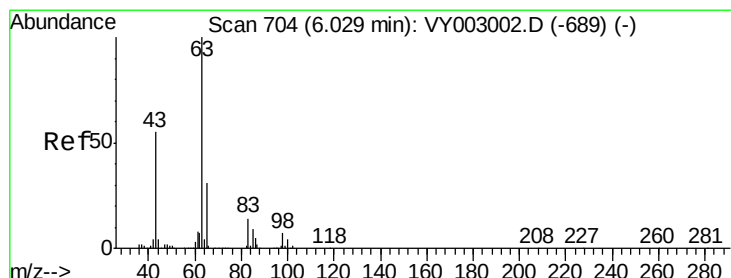
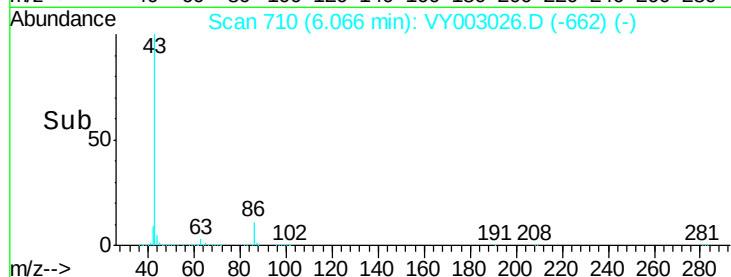


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 49.952 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

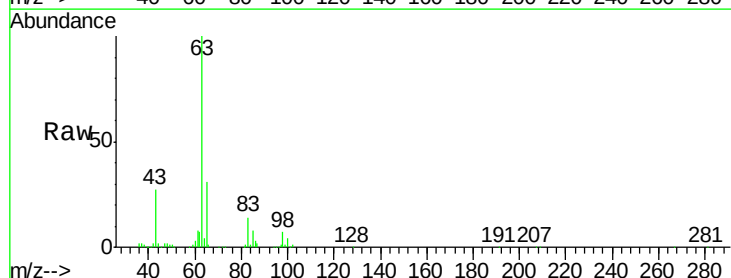
Tgt Ion: 63 Resp: 461549

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

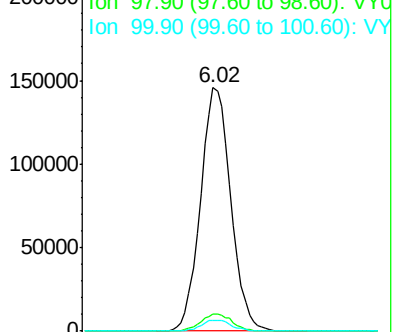
100 4.3 2.3 6.8



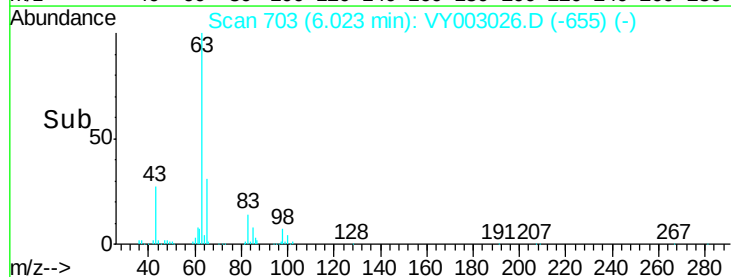
Abundance Ion 62.90 (62.60 to 63.60): VY0

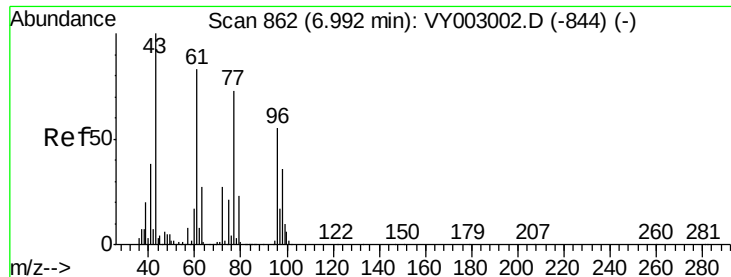
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 236.997 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 459531

Ion Ratio Lower Upper

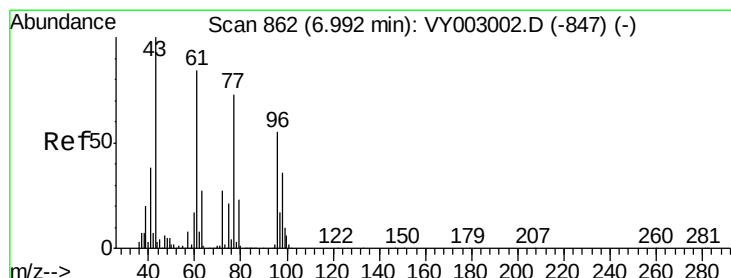
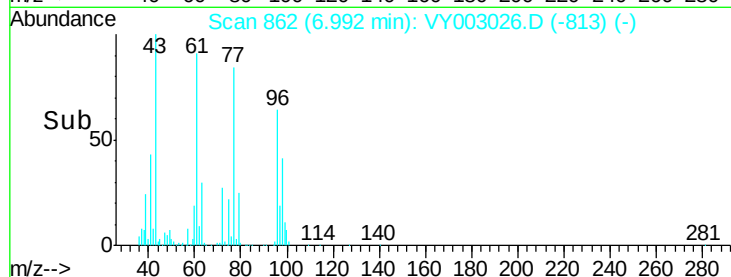
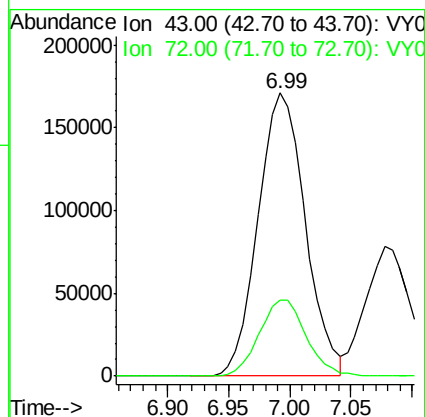
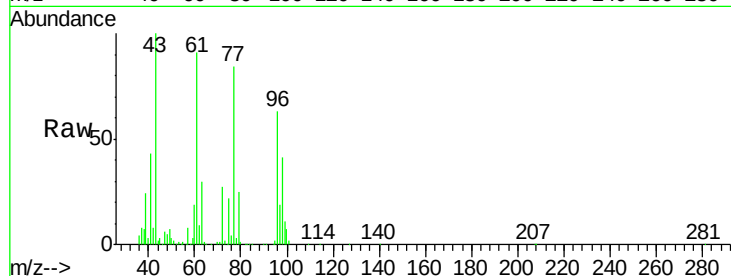
43 100

72 26.8 21.4 32.0

Manual Integrations
APPROVED

Sam

7/1/2020 10:10:55 PM



#26

2,2-Dichloropropane

Concen: 51.461 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003026.D

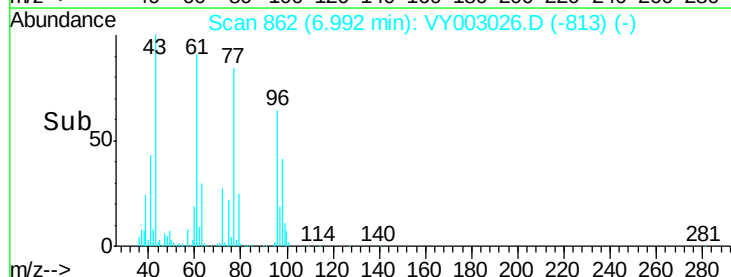
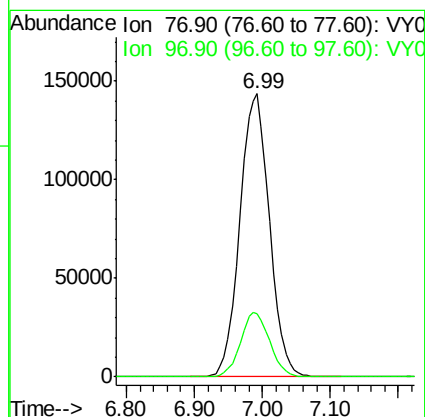
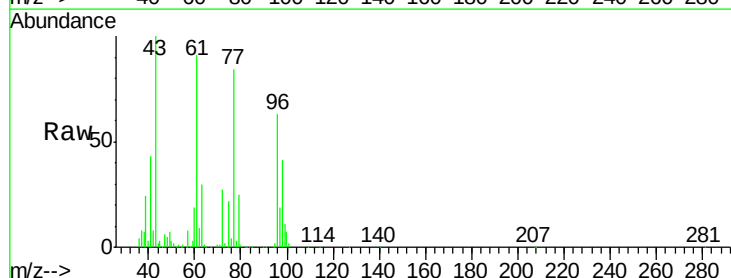
Acq: 30 Jun 2020 10:43

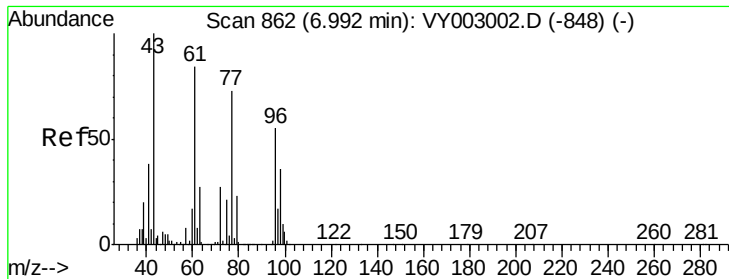
Tgt Ion: 77 Resp: 432010

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9





#27

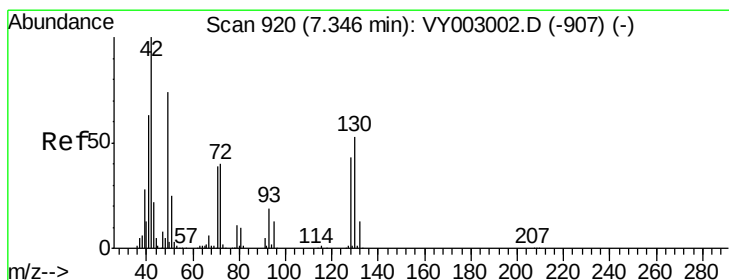
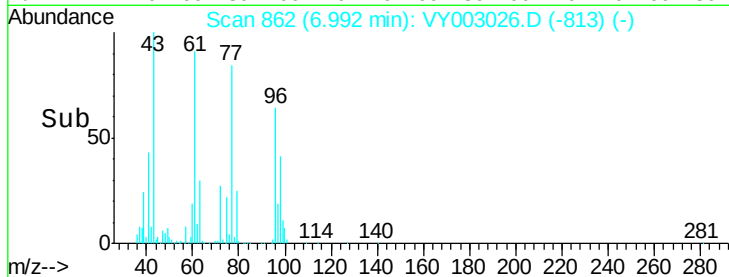
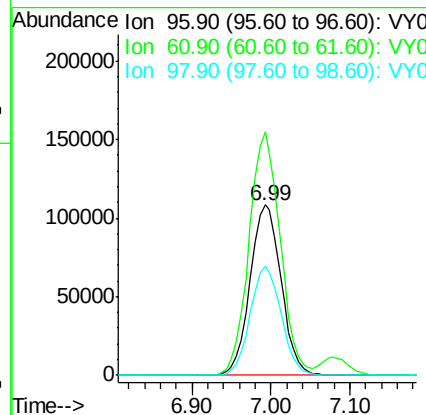
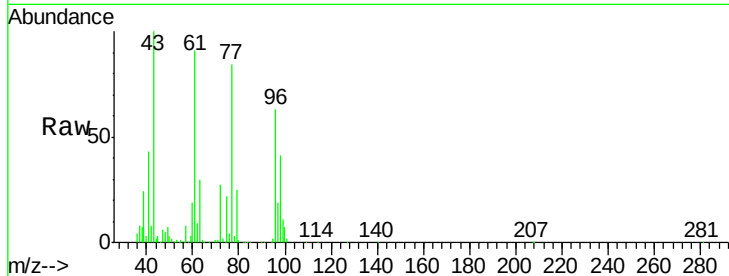
cis-1,2-Dichloroethene
Concen: 51.630 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	301.2
98	64.3	0.0	129.0

Manual Integrations
APPROVED

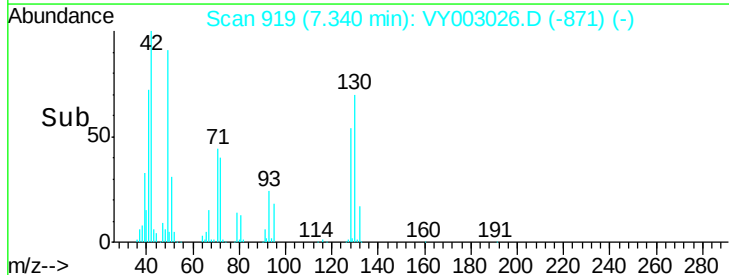
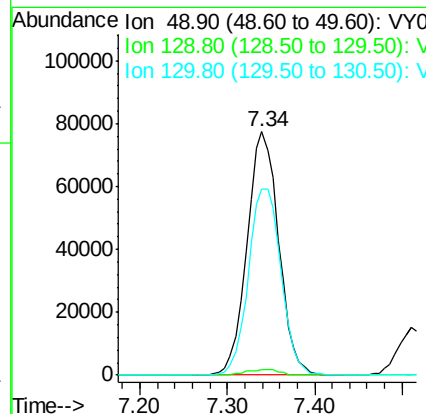
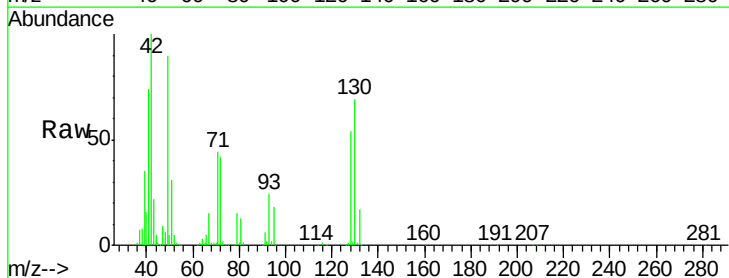
sam
7/1/2020 10:10:55 PM

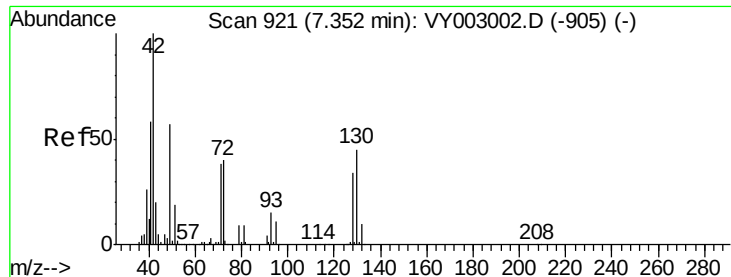


#28

Bromochloromethane
Concen: 47.168 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.3	57.0	85.6





#29

Tetrahydrofuran

Concen: 228.877 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

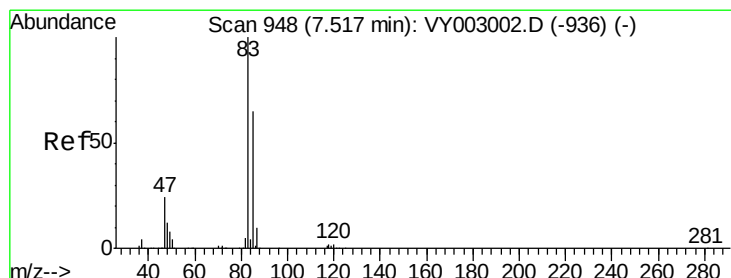
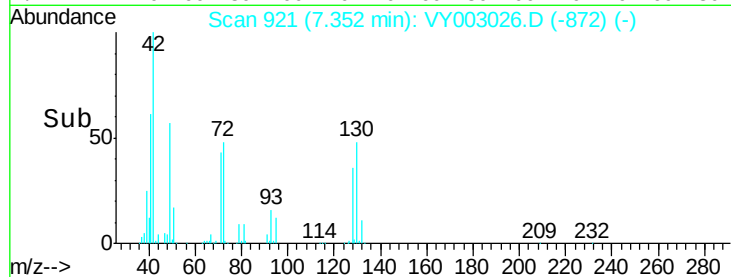
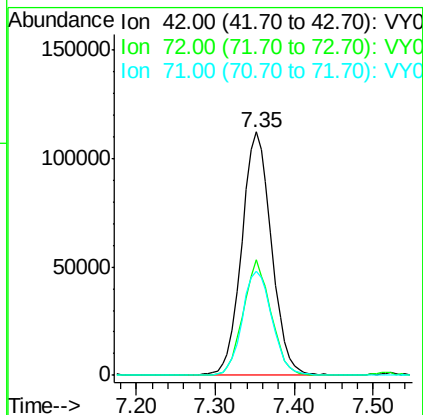
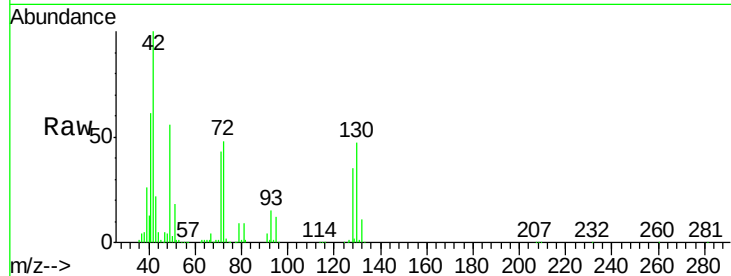
VSTDCCC050

Tot Ion:	42	Resp:	295120
Ion	Ratio	Lower	Upper
42	100		
72	44.3	32.9	49.3
71	42.8	31.2	46.8

Manual Integrations
APPROVED

sam

7/1/2020 10:10:55 PM



#30

Chloroform

Concen: 50.769 ug/l

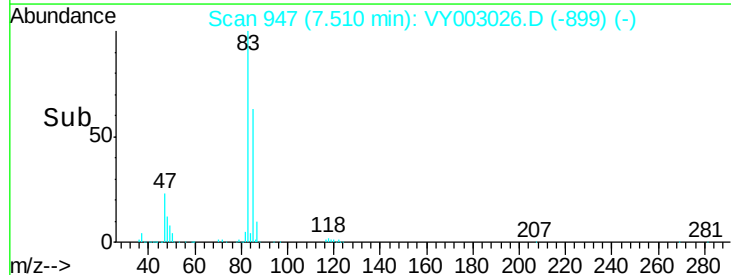
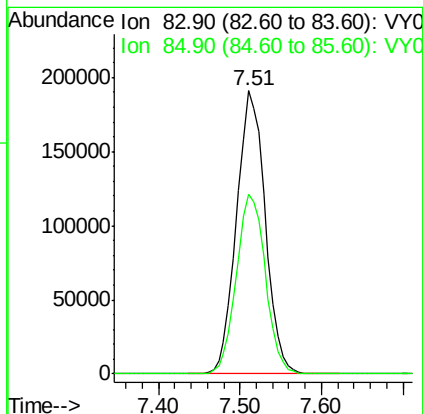
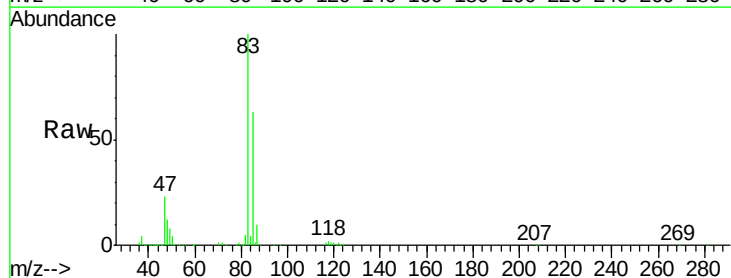
RT: 7.51 min Scan# 947

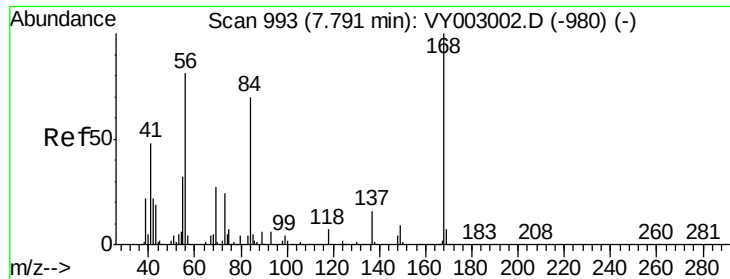
Delta R.T. -0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion:	83	Resp:	464730
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.7	77.5





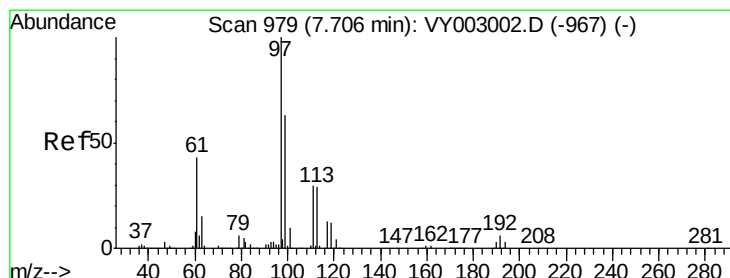
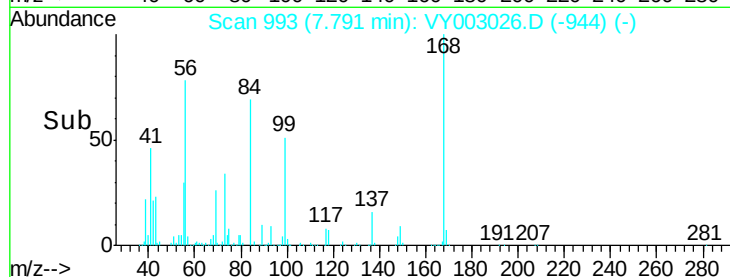
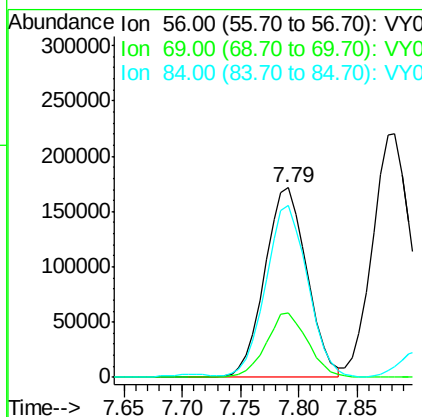
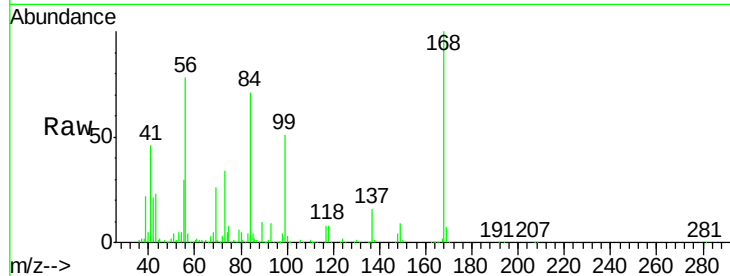
#31
Cyclohexane
Concen: 47.249 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.4
84	88.9	68.1	102.1

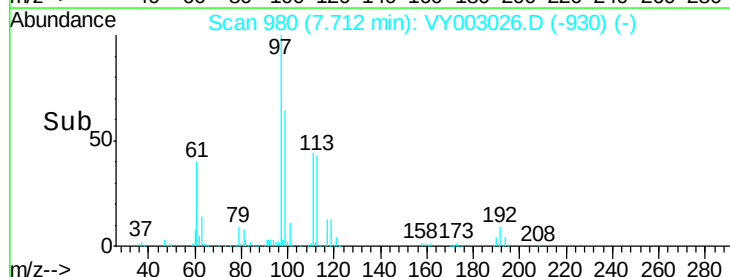
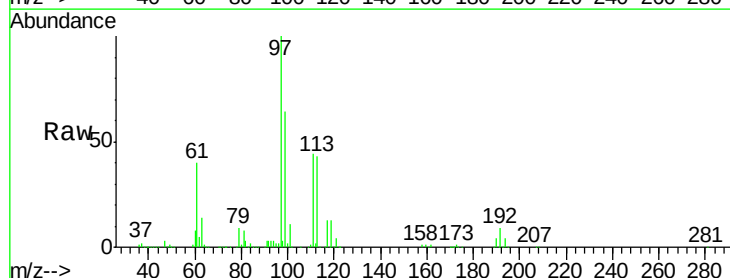
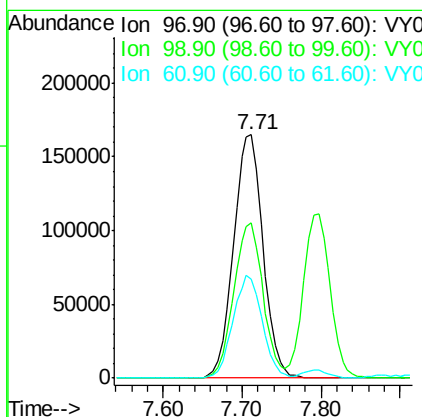
Manual Integrations
APPROVED

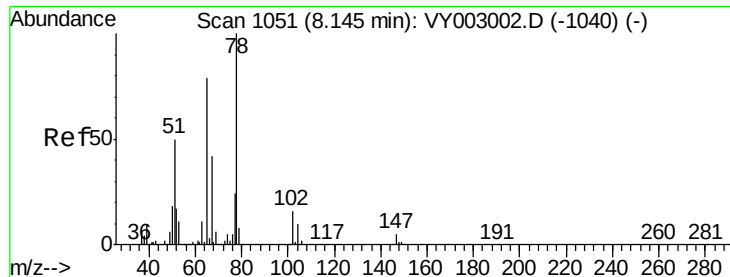
sam
7/1/2020 10:10:55 PM



#32
1,1,1-Trichloroethane
Concen: 51.147 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.2
61	41.9	33.9	50.9





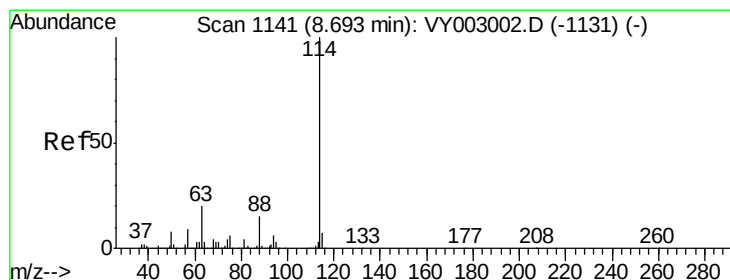
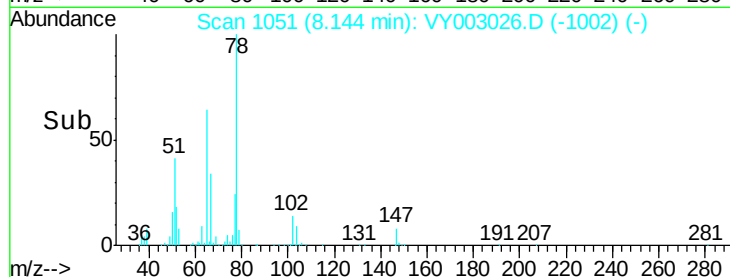
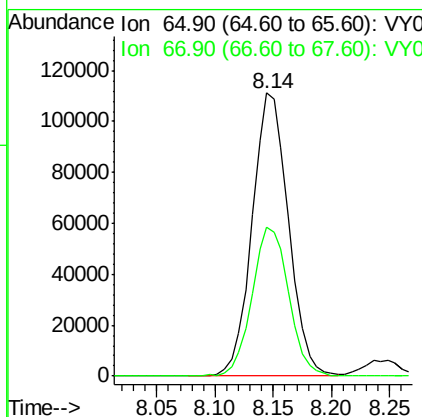
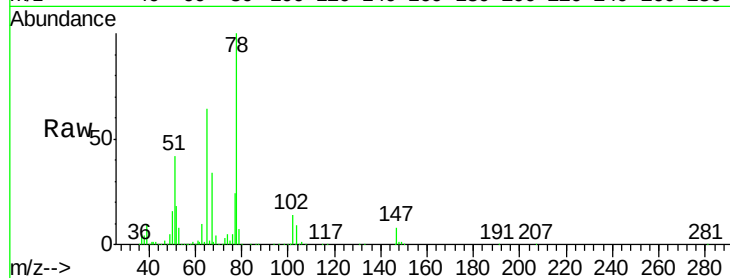
#33
 1,2-Dichloroethane-d4
 Concen: 46.701 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.6

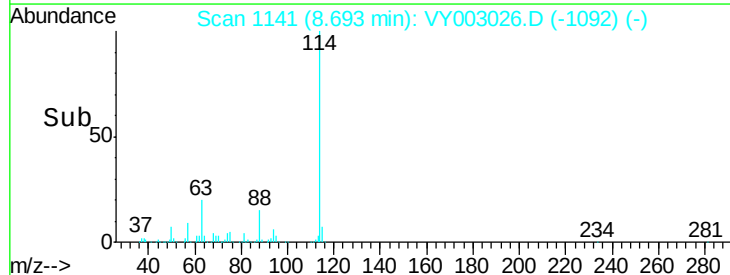
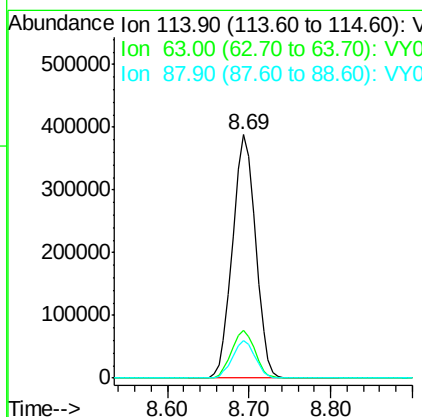
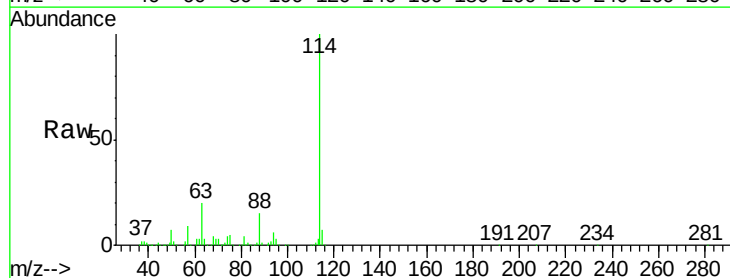
Manual Integrations
 APPROVED

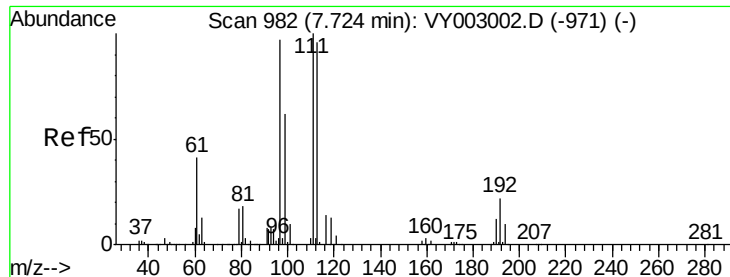
Sam
 7/1/2020 10:10:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.6
88	15.5	0.0	30.0





#35

Dibromofluoromethane

Concen: 50.481 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

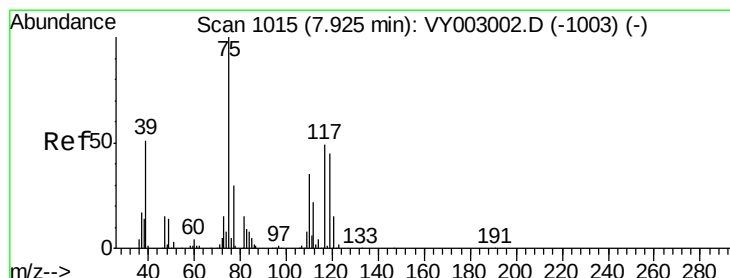
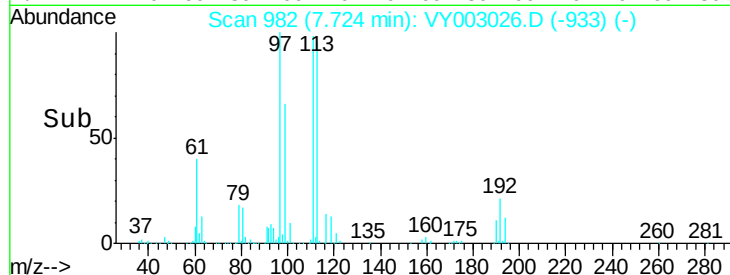
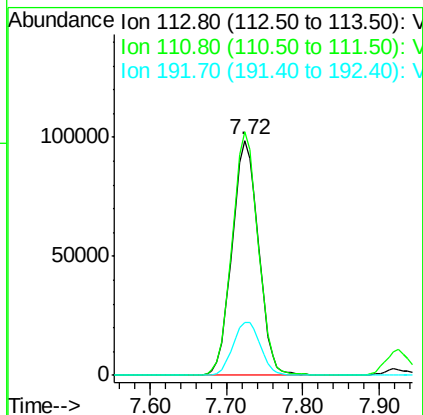
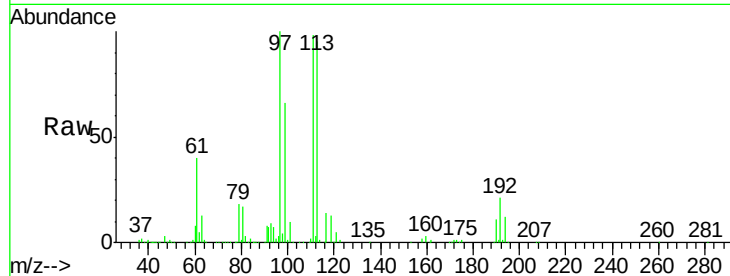
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	236277
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.6	123.8
192	23.3	18.1	27.1

Manual Integrations
APPROVED

sam
7/1/2020 10:10:55 PM



#36

1,1-Dichloropropene

Concen: 51.955 ug/l

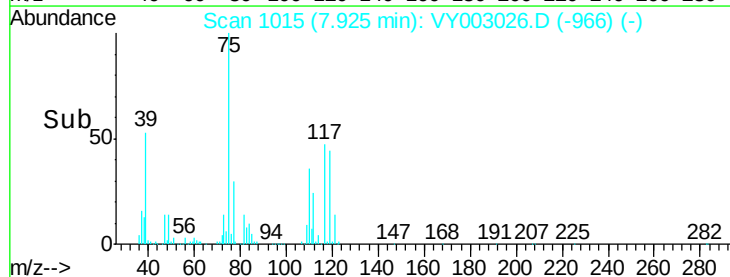
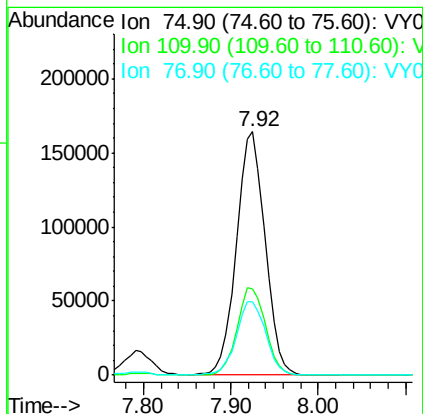
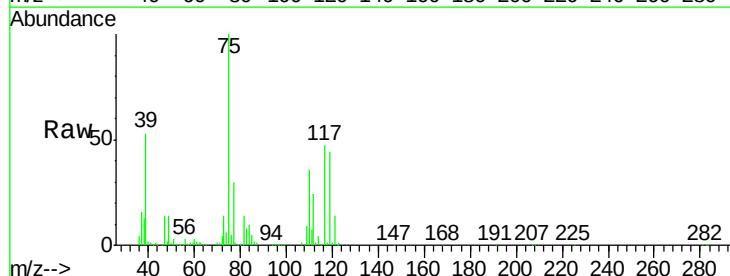
RT: 7.92 min Scan# 1015

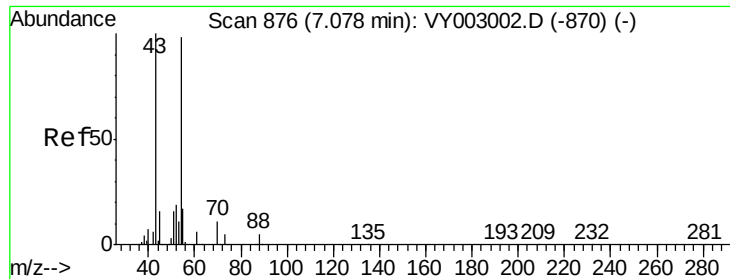
Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion:	75	Resp:	375487
Ion Ratio	Lower	Upper	
75	100		
110	35.9	17.1	51.2
77	30.9	24.9	37.3





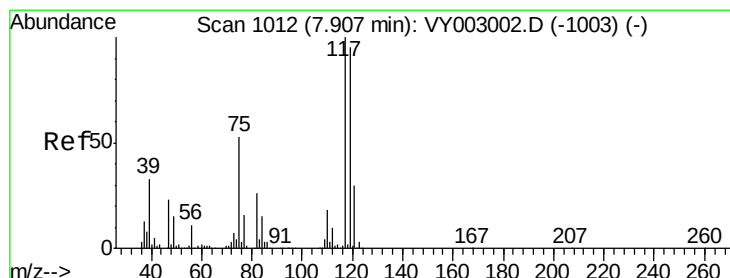
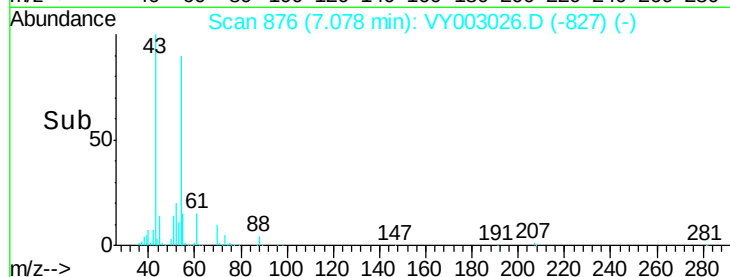
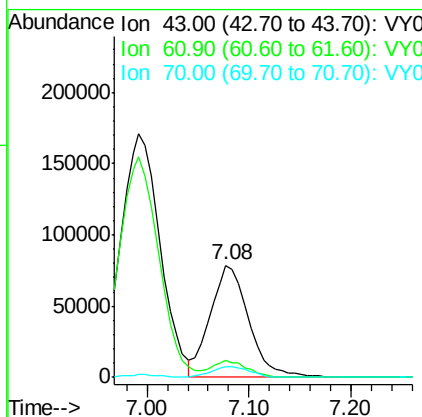
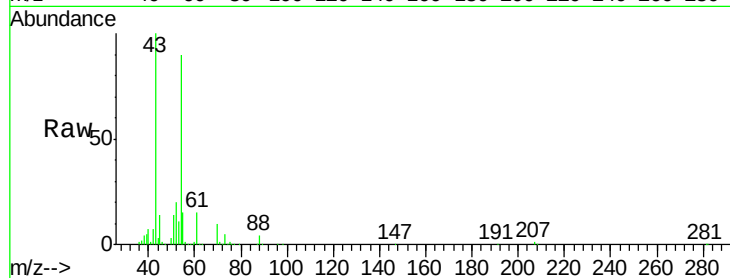
#37
Ethyl Acetate
Concen: 47.289 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	9.9	7.7	11.5

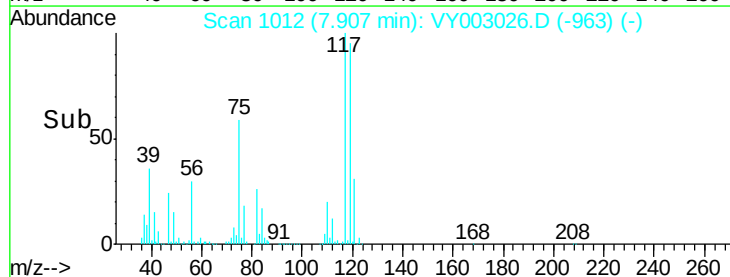
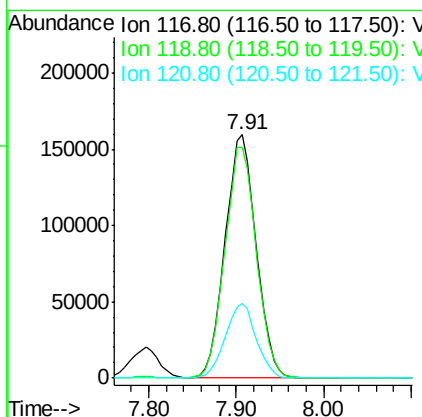
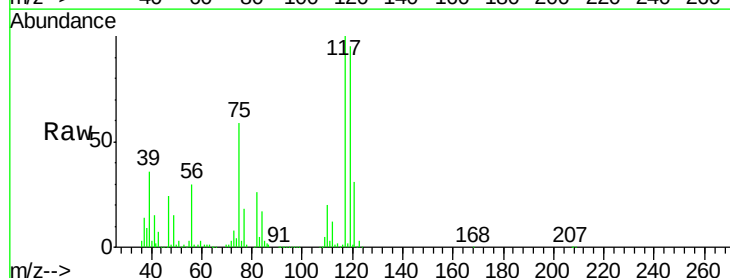
Manual Integrations
APPROVED

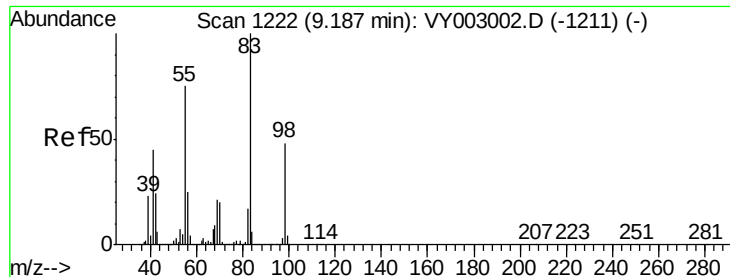
sam
7/1/2020 10:10:55 PM



#38
Carbon Tetrachloride
Concen: 52.389 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.7	113.5
121	30.8	23.9	35.9





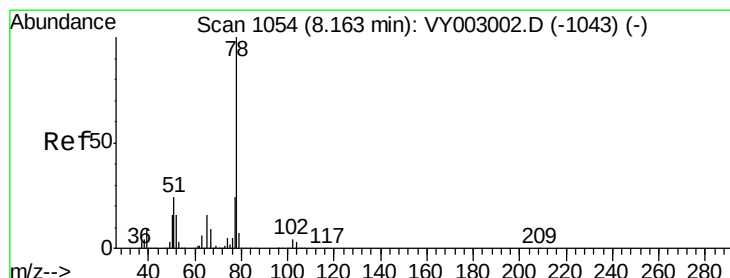
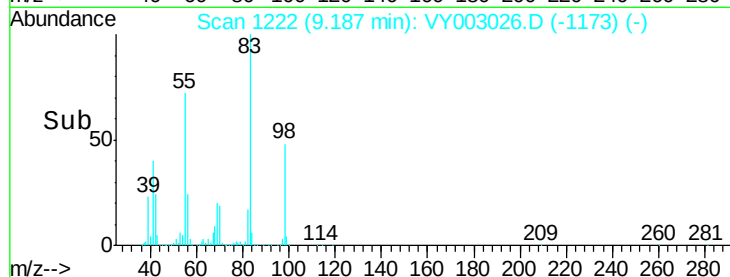
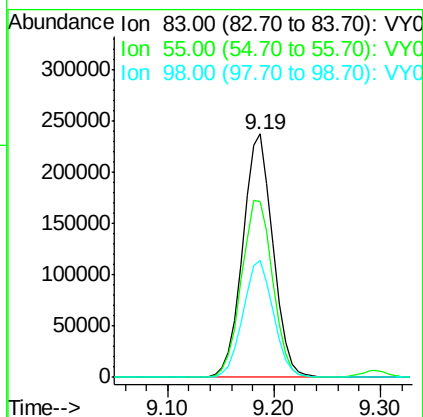
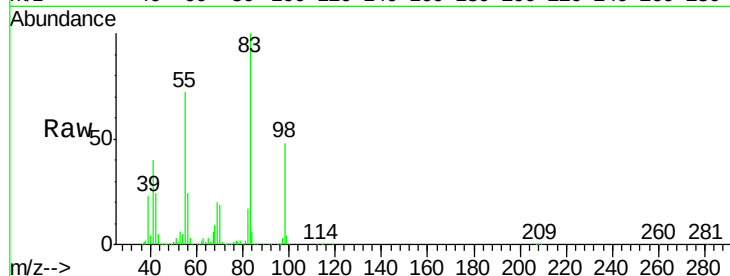
#39
Methylvlcyclohexane
Concen: 52.729 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	59.9	89.9
98	48.2	38.7	58.1

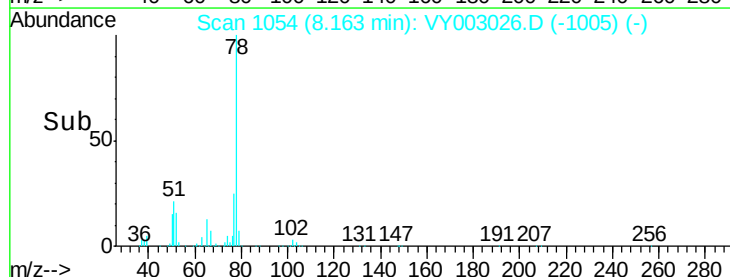
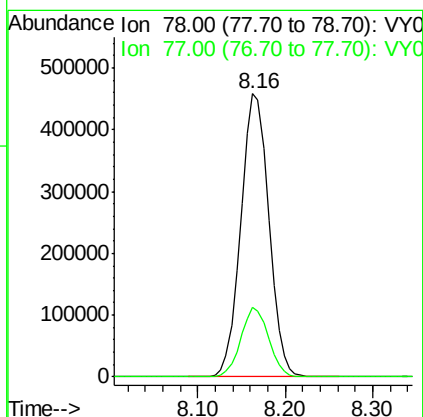
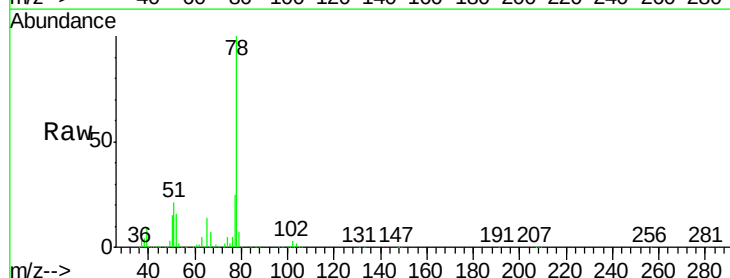
Manual Integrations
APPROVED

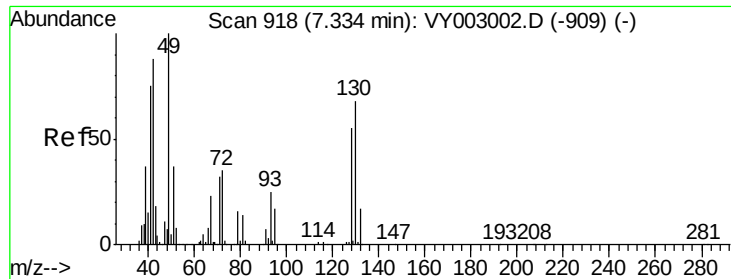
sam
7/1/2020 10:10:55 PM



#40
Benzene
Concen: 51.637 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8





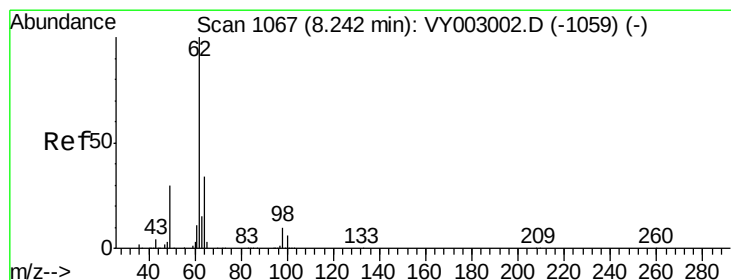
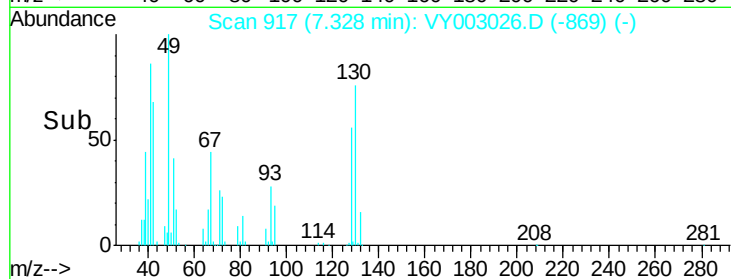
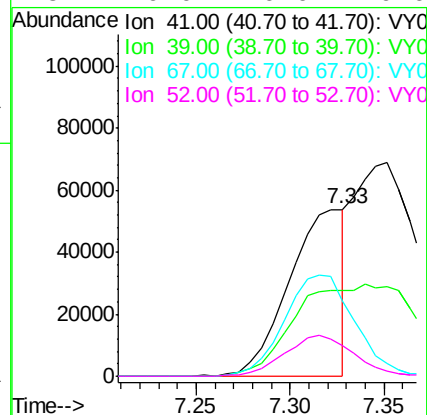
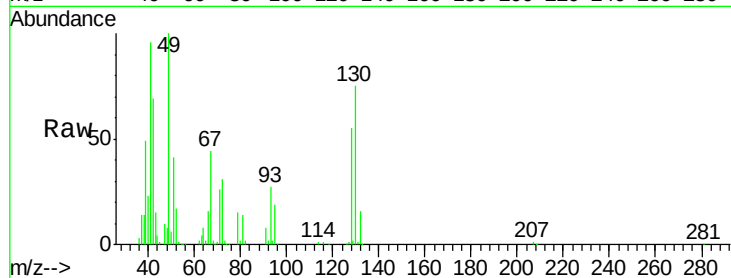
#41
Methacrylonitrile
Concen: 47.474 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	110197
Ion	Ratio	Lower	Upper
41	100		
39	121.2	85.7	128.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

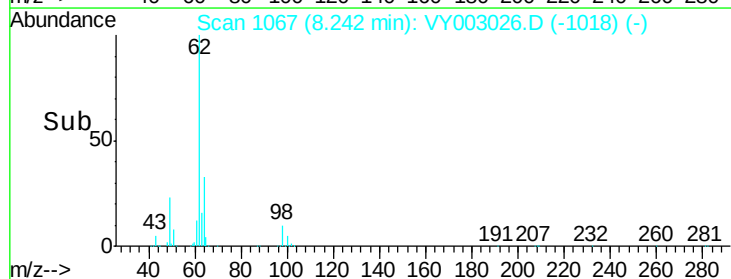
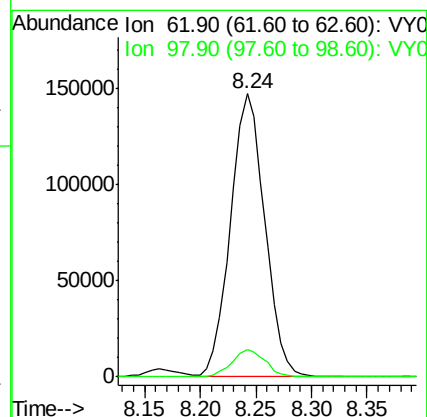
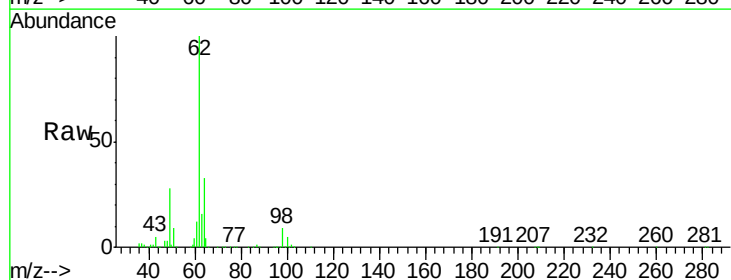
Manual Integrations
APPROVED

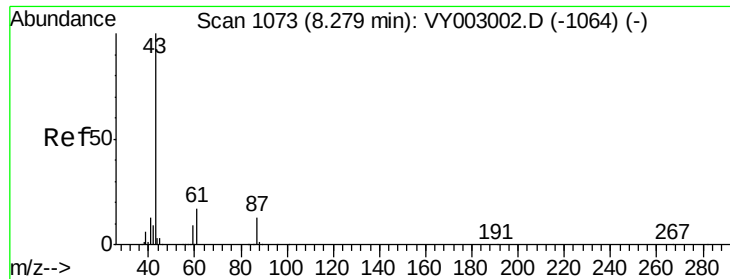
Sam
7/1/2020 10:10:55 PM



#42
1,2-Dichloroethane
Concen: 50.305 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	62	Resp	314879
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





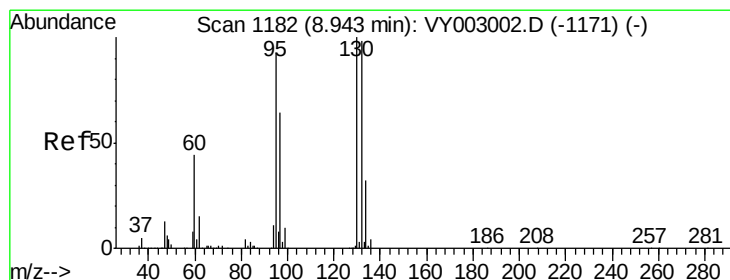
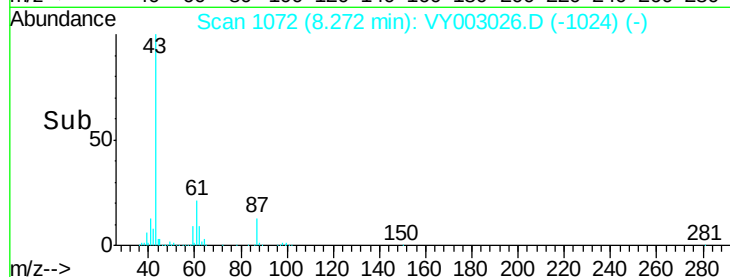
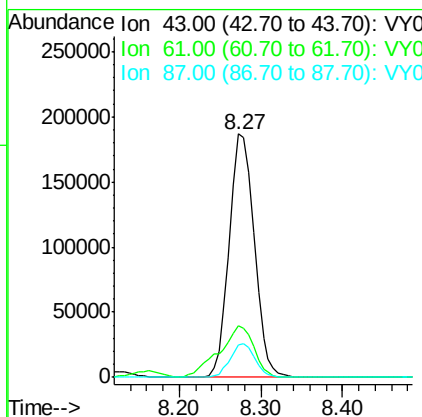
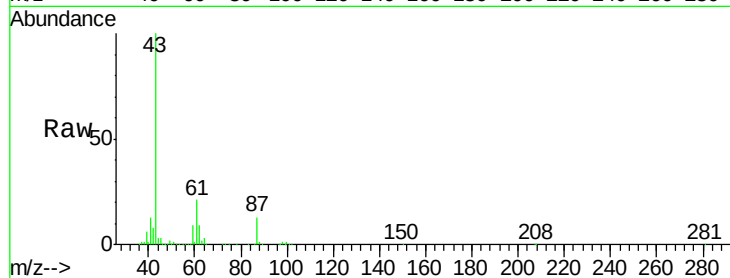
#43
Isopropyl Acetate
Concen: 47.889 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	21.8	32.6
87	13.6	10.1	15.1

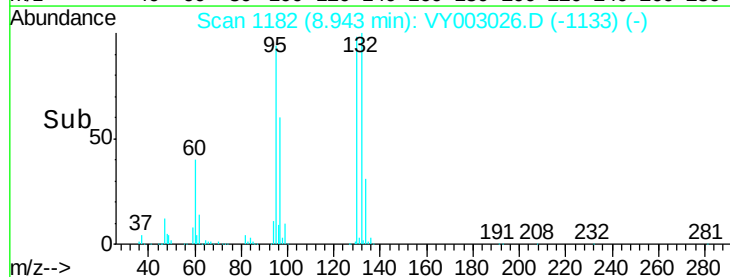
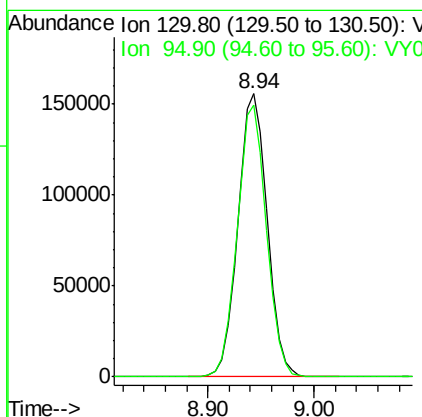
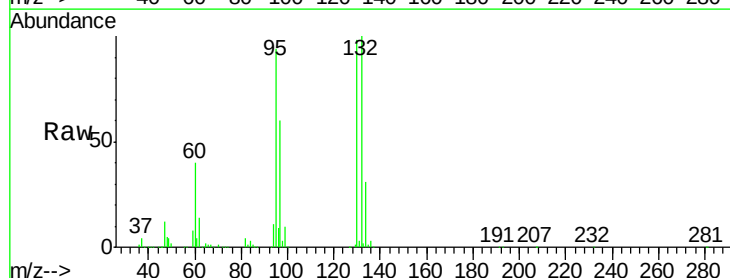
Manual Integrations
APPROVED

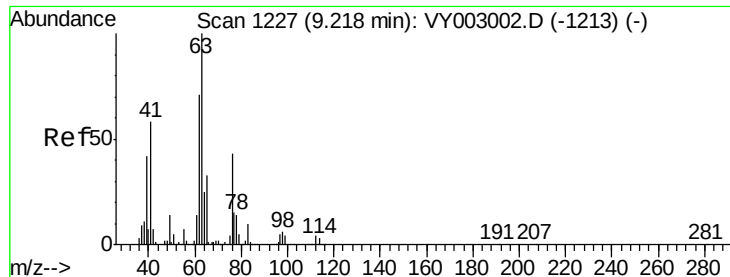
sam
7/1/2020 10:10:55 PM



#44
Trichloroethene
Concen: 52.352 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	186.4





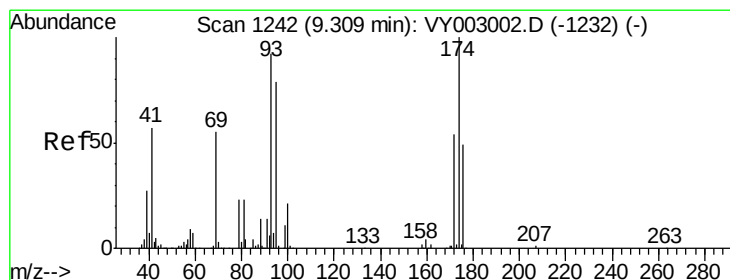
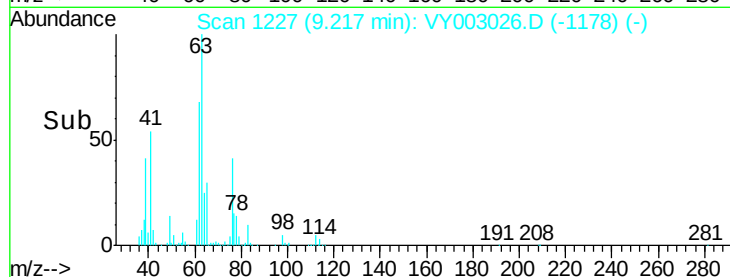
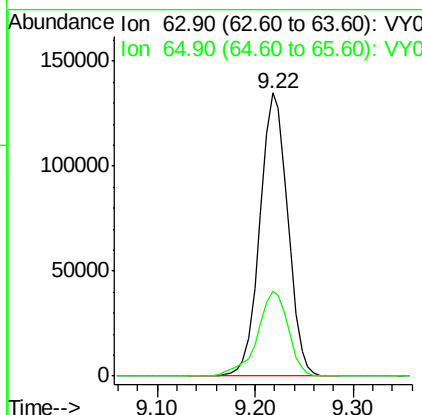
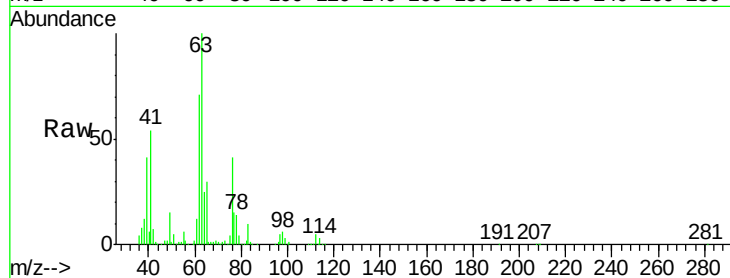
#45
 1,2-Dichloropropane
 Concen: 50.207 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	26.2	39.4

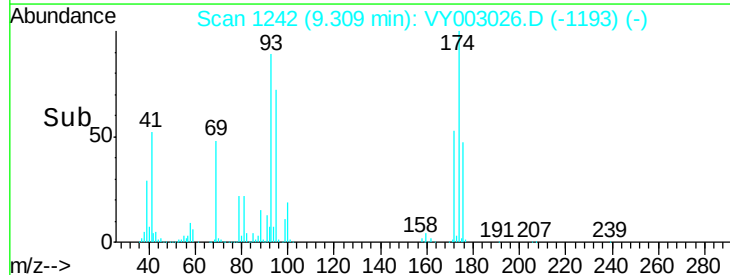
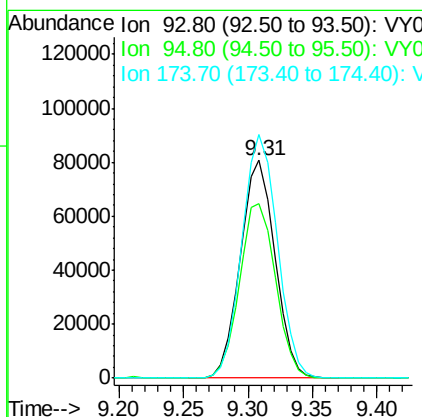
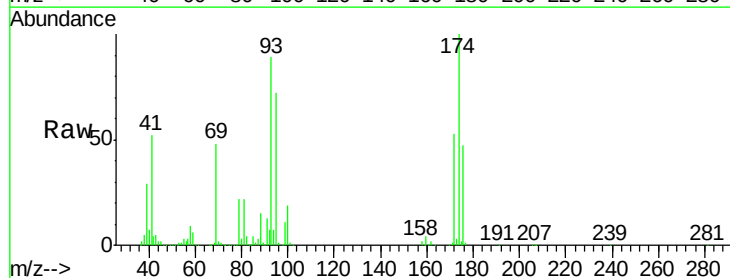
Manual Integrations
 APPROVED

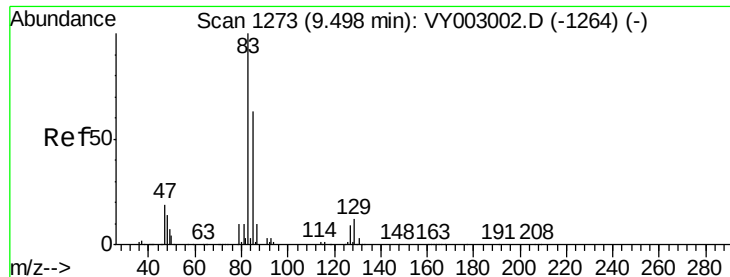
sam
 7/1/2020 10:10:55 PM



#46
 Dibromomethane
 Concen: 50.802 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.6	101.4
174	113.6	88.3	132.5





#47

Bromodichloromethane

Concen: 51.162 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

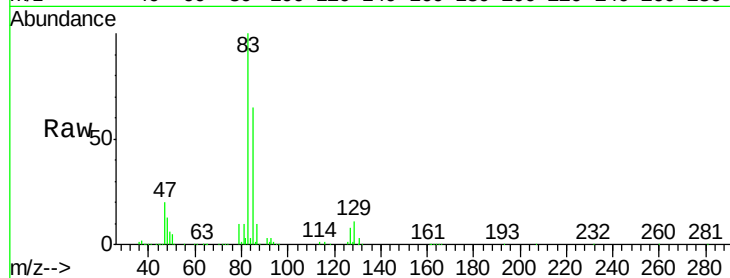
ClientSampleId :

VSTDCCC050

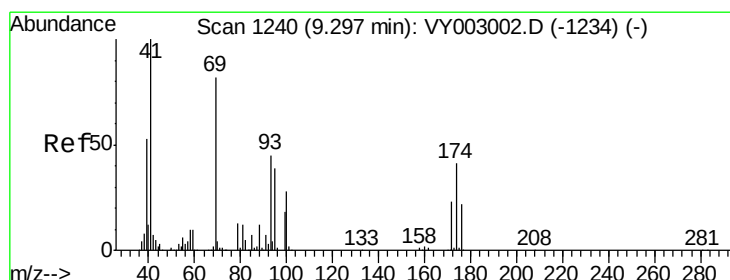
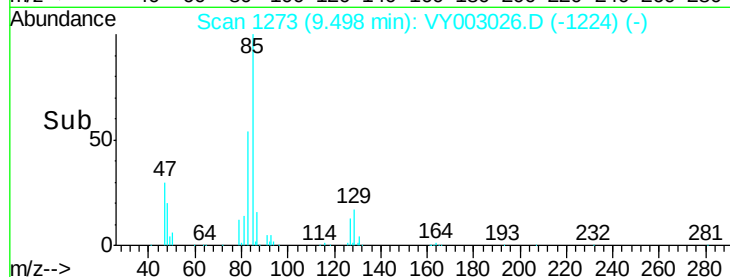
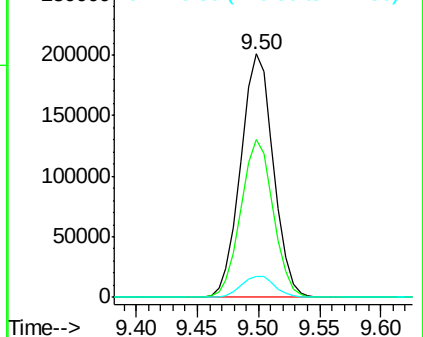
Tot Ion:	83	Resp:	372456
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.5	75.7
127	8.4	7.0	10.4

Manual Integrations
APPROVED

sam
7/1/2020 10:10:55 PM



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.346 ug/l

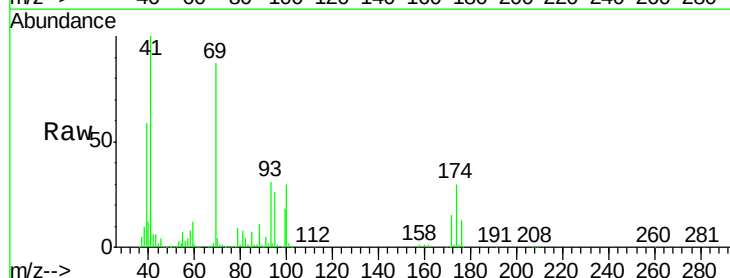
RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

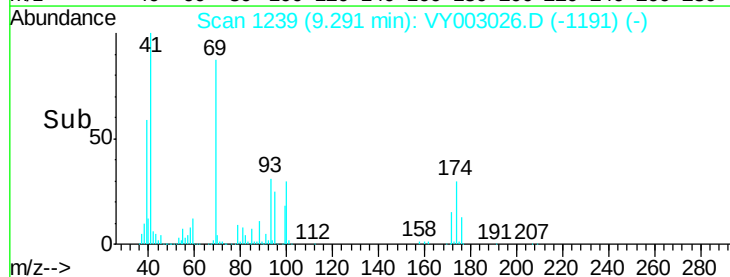
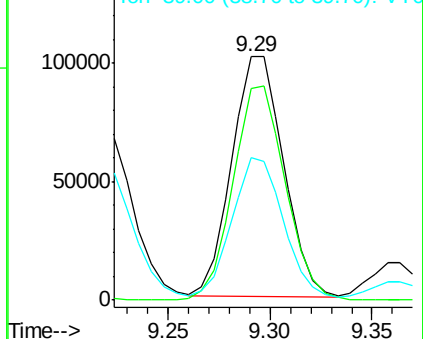
Lab File: VY003026.D

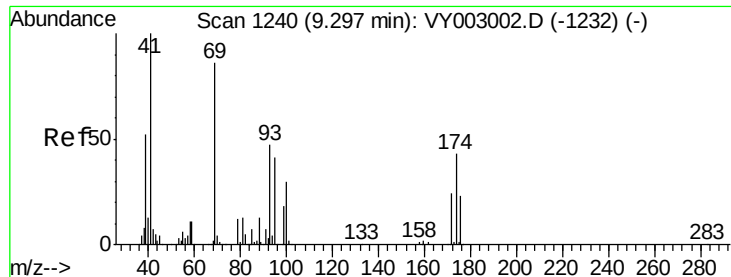
Acq: 30 Jun 2020 10:43

Tgt Ion:	41	Resp:	178026
Ion	Ratio	Lower	Upper
41	100		
69	90.5	67.7	101.5
39	57.8	45.0	67.4



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





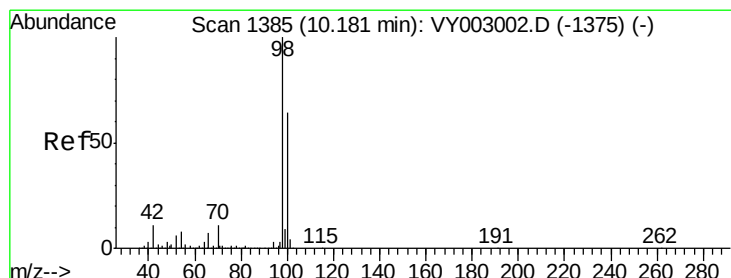
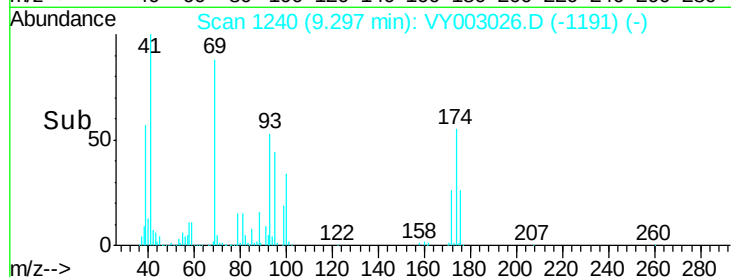
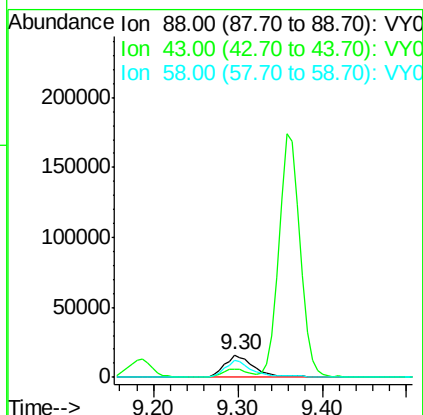
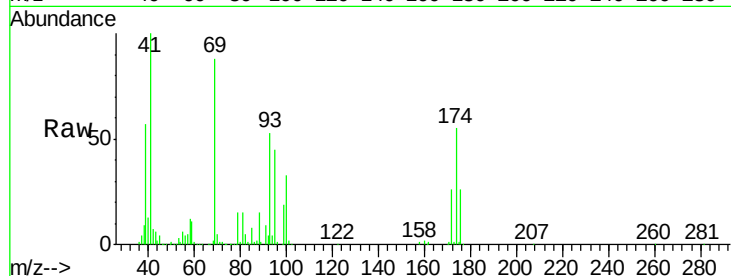
#49
1,4-Dioxane
Concen: 1085.208 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	39385
Ion Ratio	100	Lower	Upper
88	100		
43	32.0	28.6	42.8
58	72.0	56.7	85.1

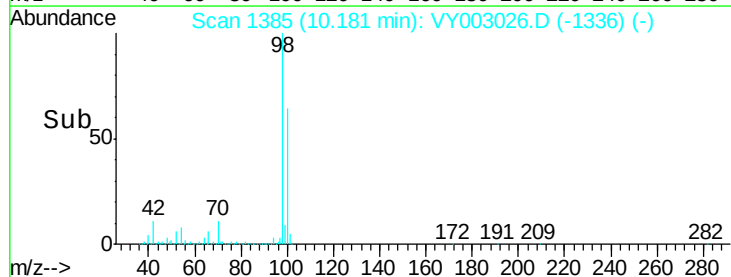
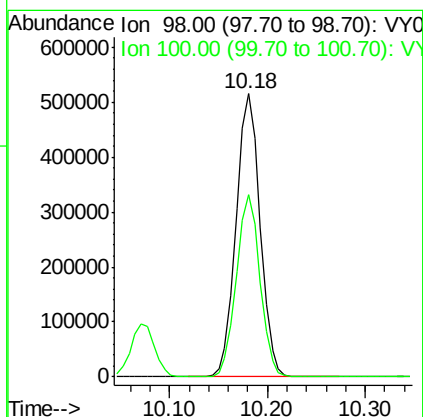
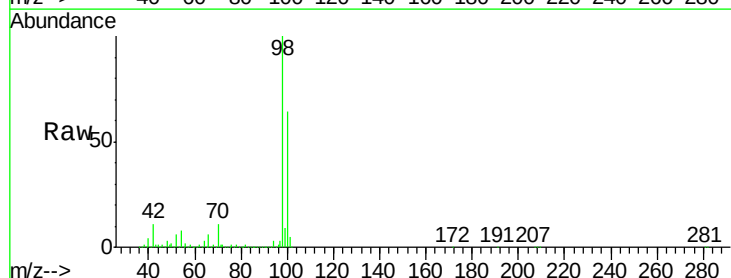
Manual Integrations
APPROVED

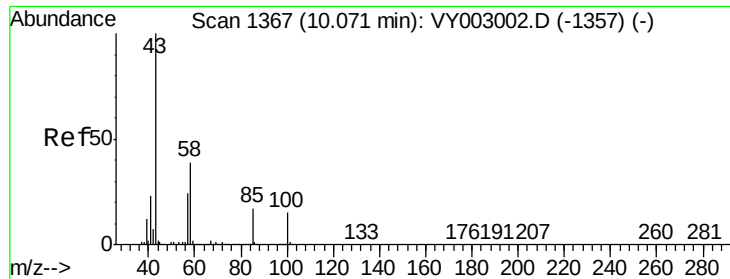
7/1/2020 10:10:55 PM



#50
Toluene-d8
Concen: 50.322 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	98	Resp	877465
Ion Ratio	100	Lower	Upper
98	100		
100	63.5	51.1	76.7





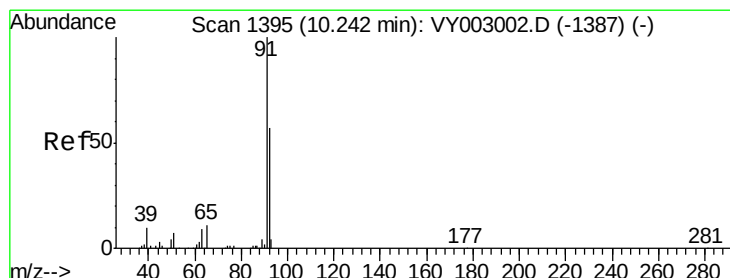
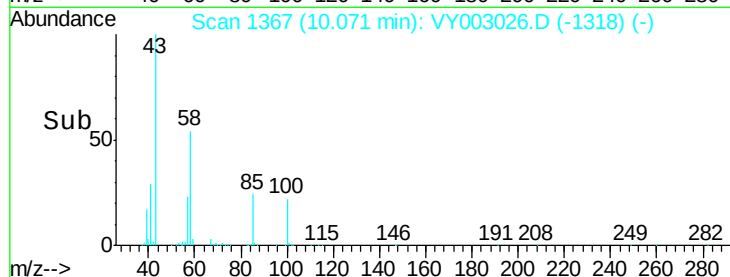
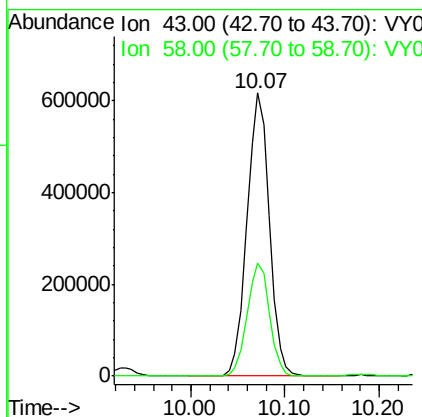
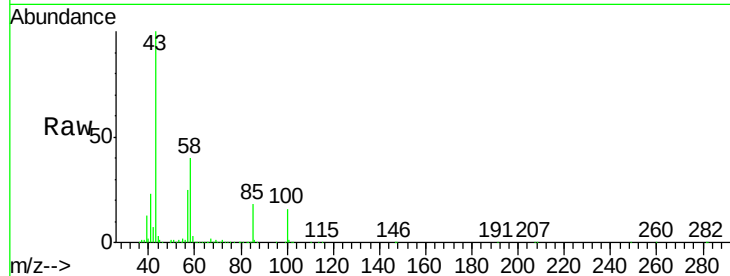
#51
4-Methyl-2-Pentanone
Concen: 240.707 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1027736
Ion Ratio Lower Upper
43 100
58 40.0 31.1 46.7

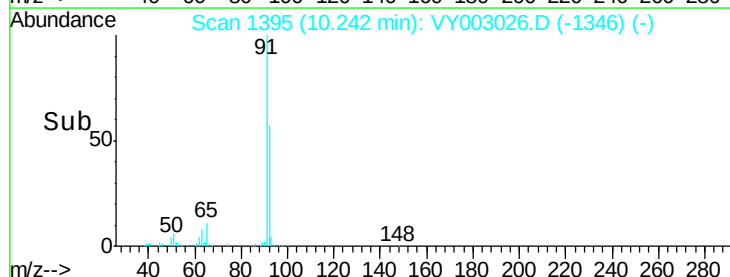
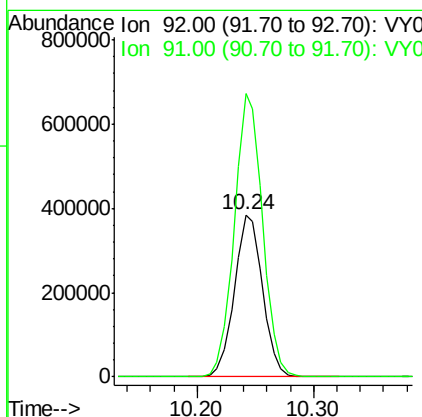
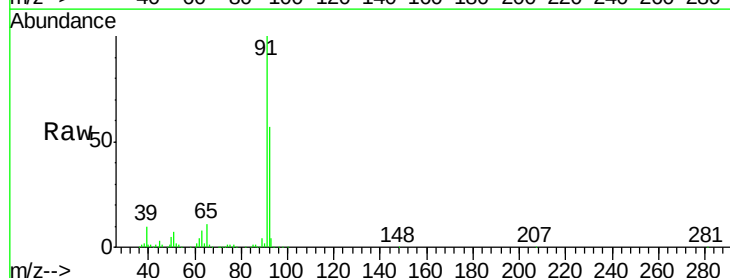
Manual Integrations
APPROVED

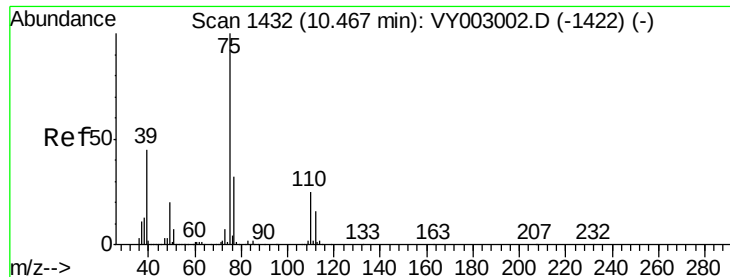
sam
7/1/2020 10:10:55 PM



#52
Toluene
Concen: 51.918 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion: 92 Resp: 646660
Ion Ratio Lower Upper
92 100
91 175.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 51.320 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 391702

Ion Ratio Lower Upper

75 100

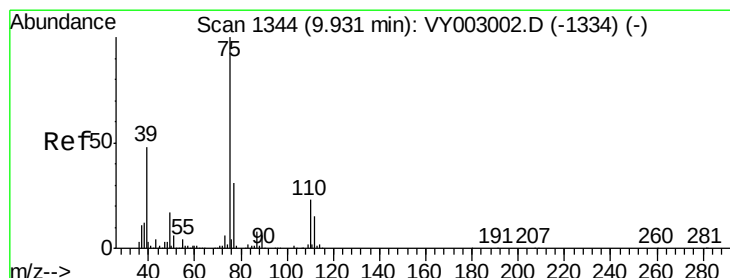
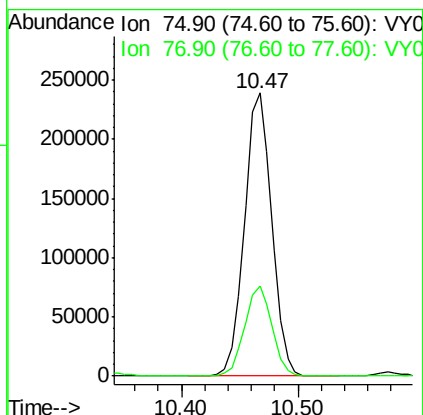
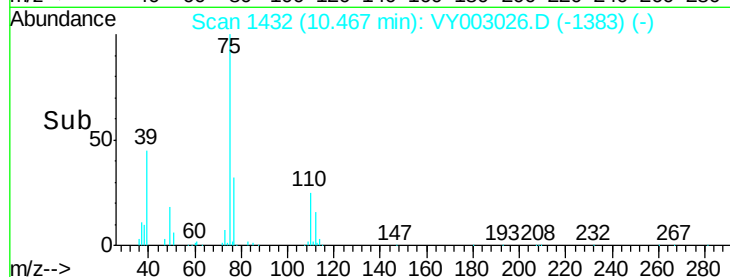
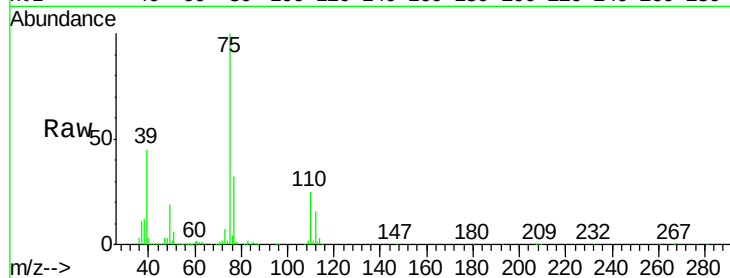
77 32.0 25.9 38.9

Manual Integrations

APPROVED

sam

7/1/2020 10:10:55 PM



#54

cis-1,3-Dichloropropene

Concen: 51.639 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

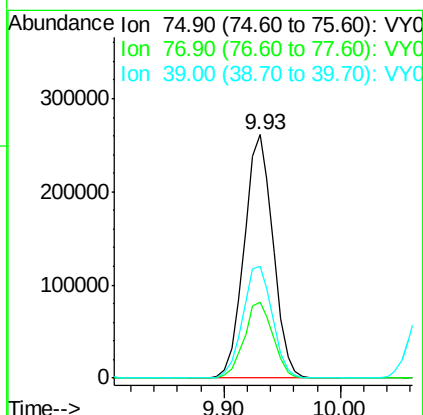
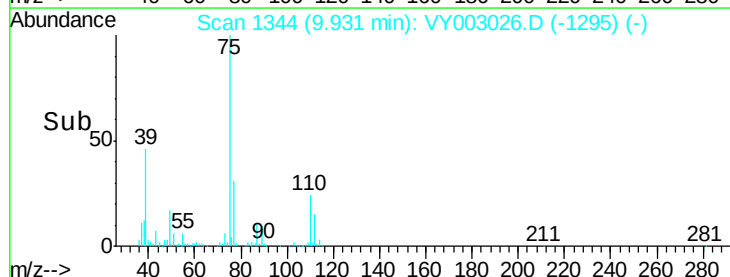
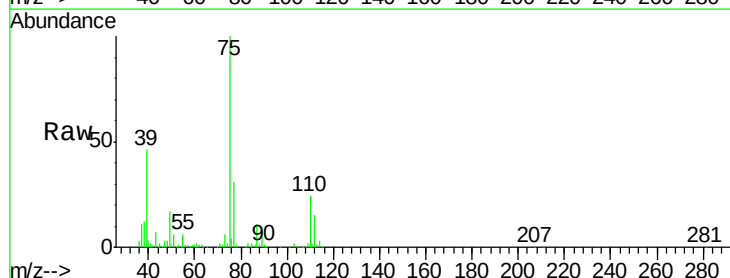
Tgt Ion: 75 Resp: 450755

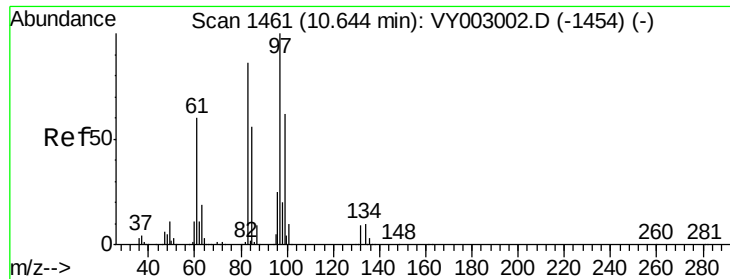
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 46.0 38.3 57.5





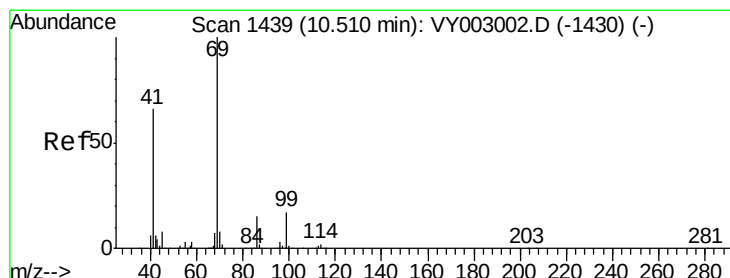
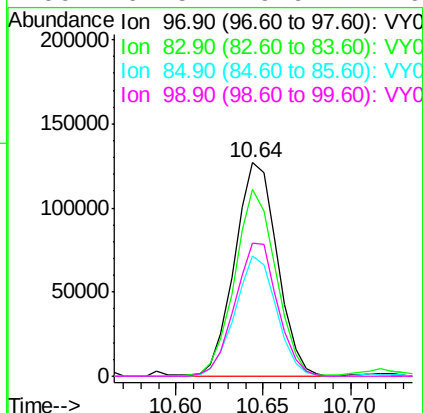
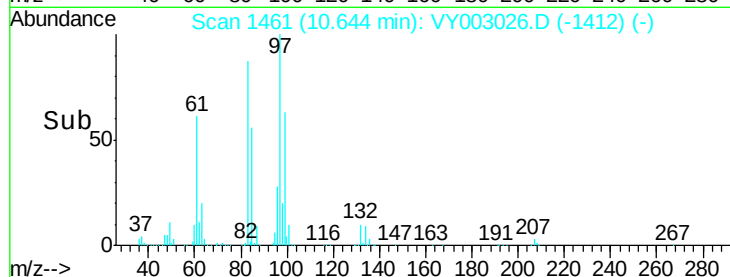
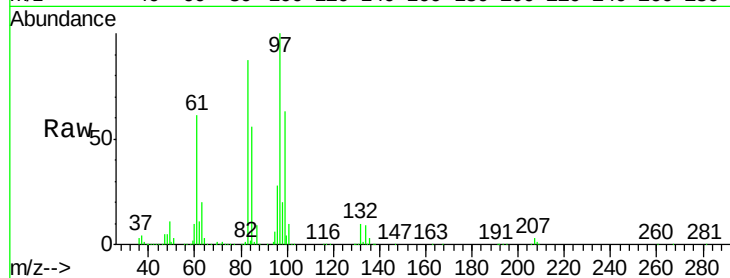
#55
 1,1,2-Trichloroethane
 Concen: 51.812 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	214056
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.0	103.6
85	56.2	44.8	67.2
99	62.5	49.9	74.9

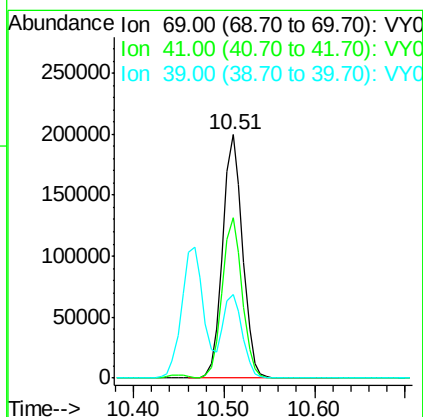
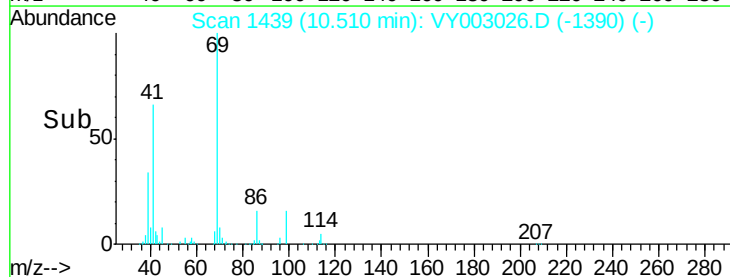
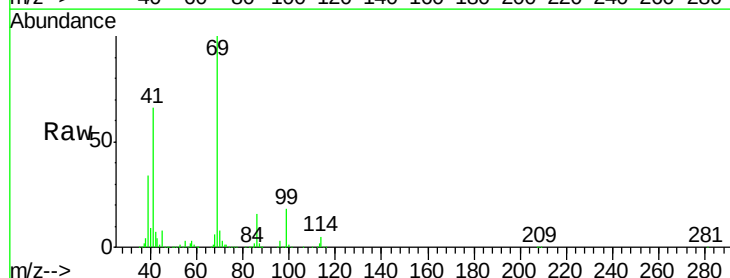
Manual Integrations
 APPROVED

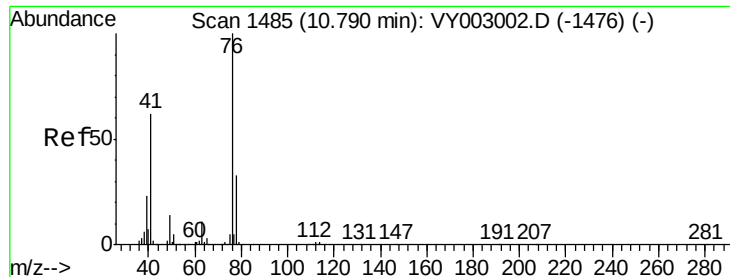
sam
 7/1/2020 10:10:55 PM



#56
 Ethyl methacrylate
 Concen: 51.094 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion:	69	Resp:	305562
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.7	80.5
39	33.3	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.655 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 367385

Ion Ratio Lower Upper

76 100

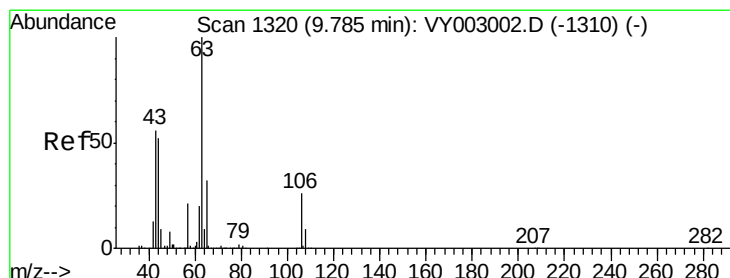
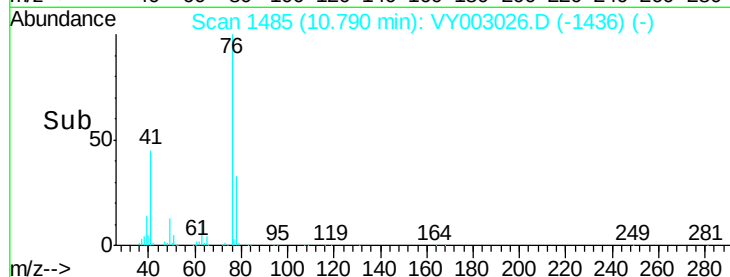
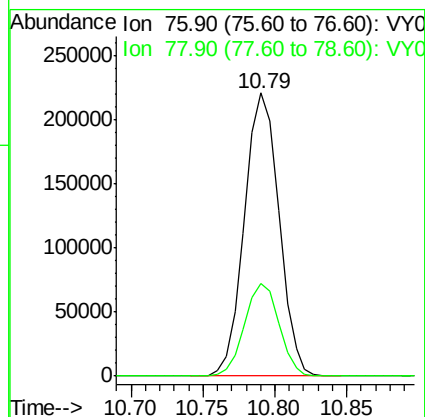
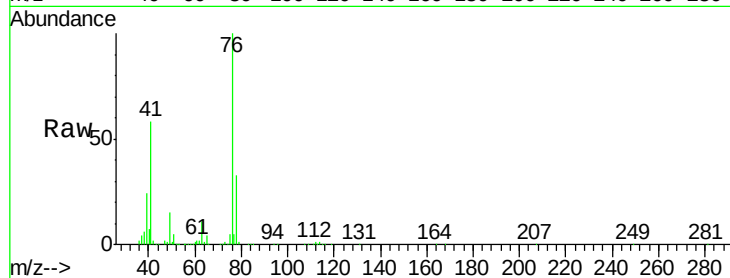
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Sam

7/1/2020 10:10:55 PM



#58

2-Chloroethyl Vinyl ether

Concen: 246.007 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003026.D

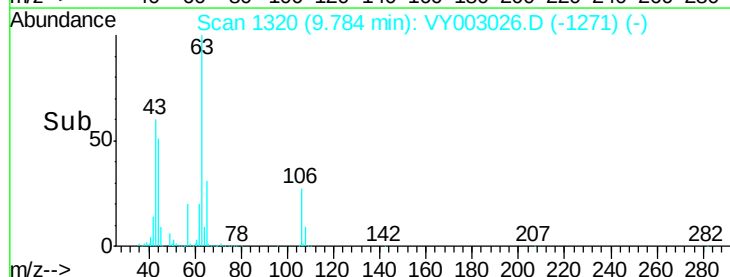
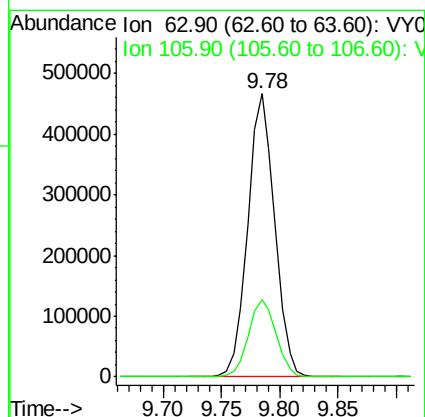
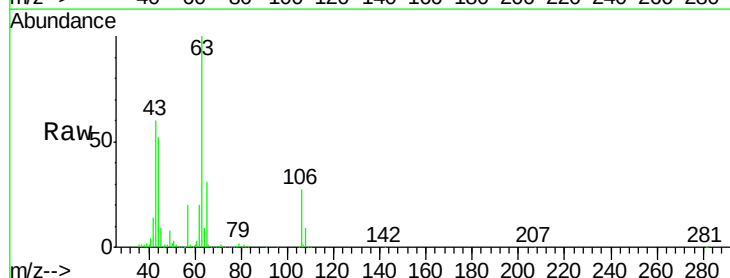
Acq: 30 Jun 2020 10:43

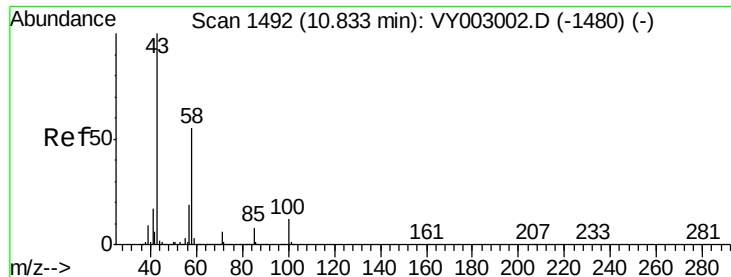
Tgt Ion: 63 Resp: 754548

Ion Ratio Lower Upper

63 100

106 28.0 21.5 32.3





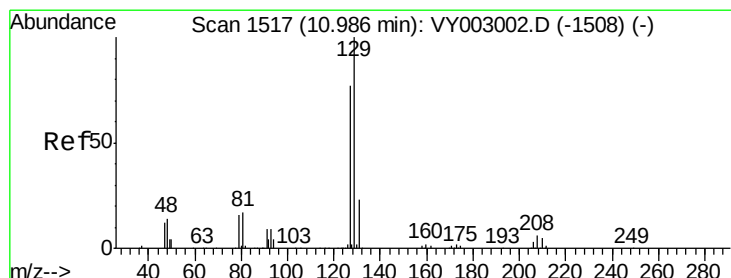
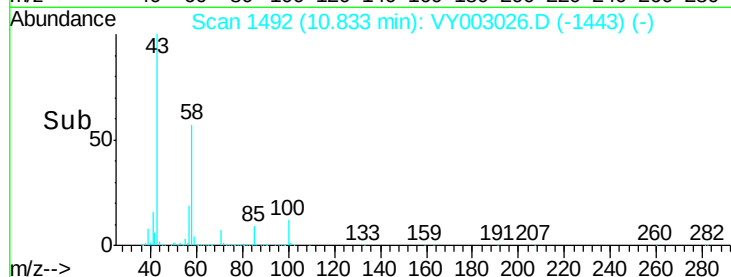
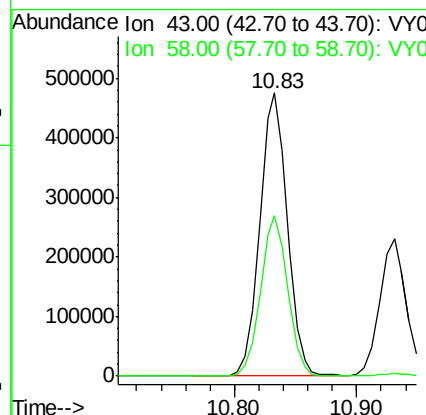
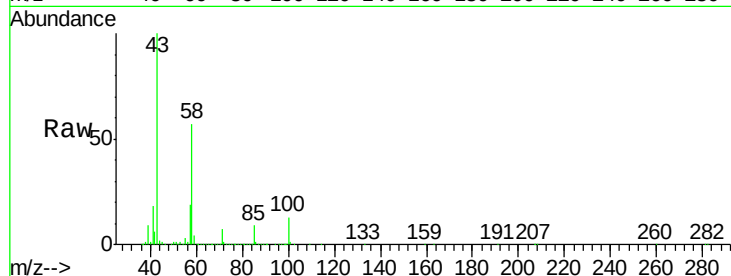
#59
2-Hexanone
Concen: 249.379 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 744231
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.4

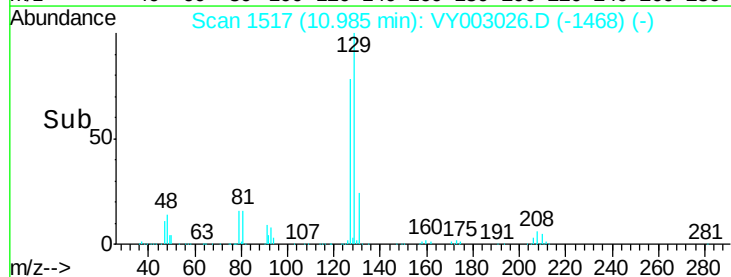
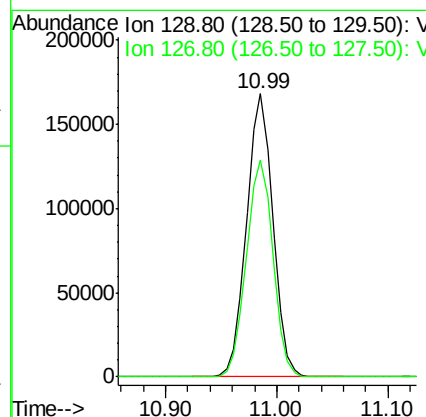
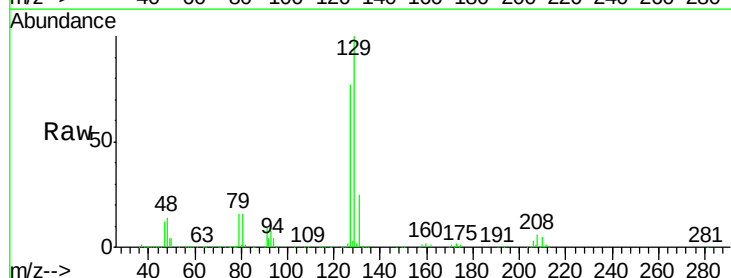
Manual Integrations
APPROVED

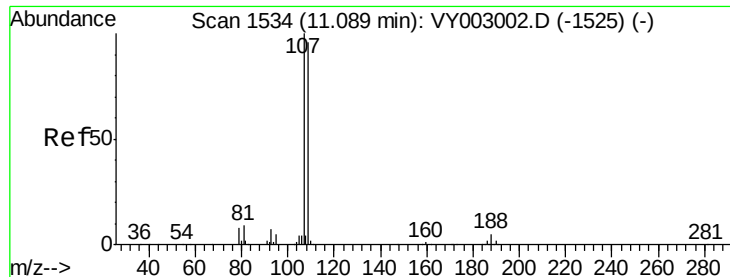
Sam
7/1/2020 10:10:55 PM



#60
Dibromochloromethane
Concen: 52.220 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion: 129 Resp: 276092
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3





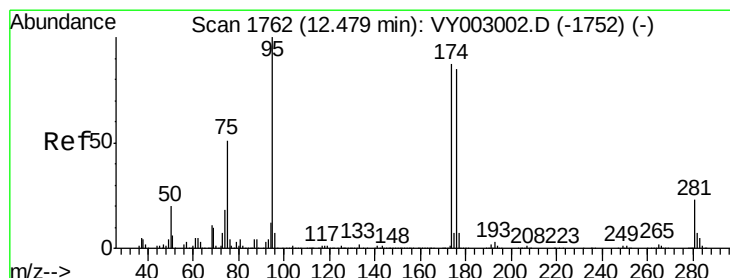
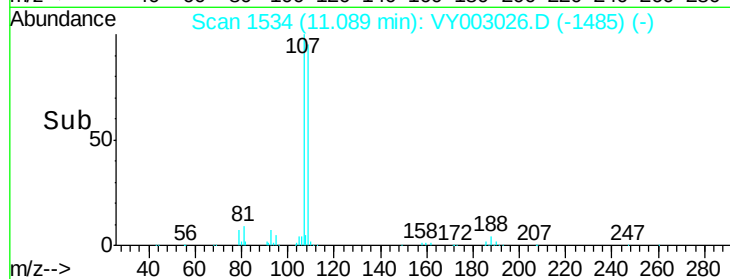
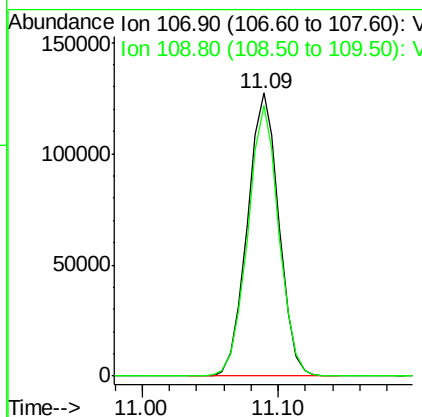
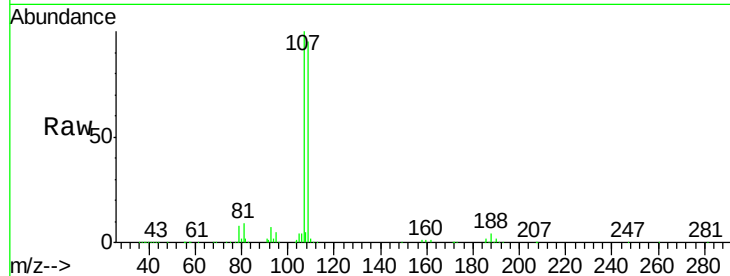
#61
 1,2-Dibromoethane
 Concen: 50.657 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.8	113.8

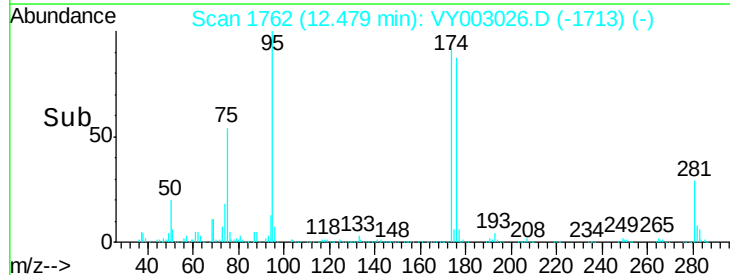
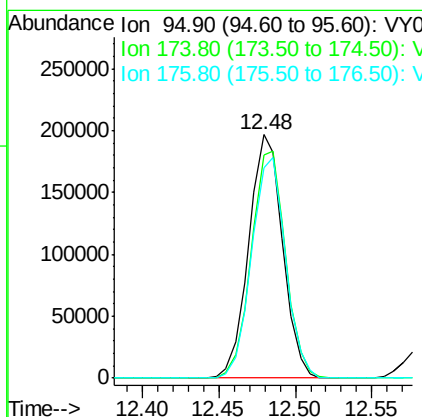
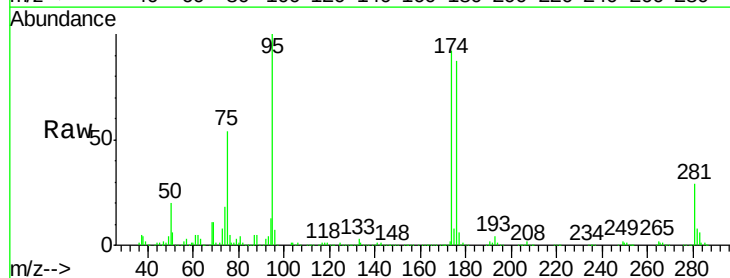
Manual Integrations
 APPROVED

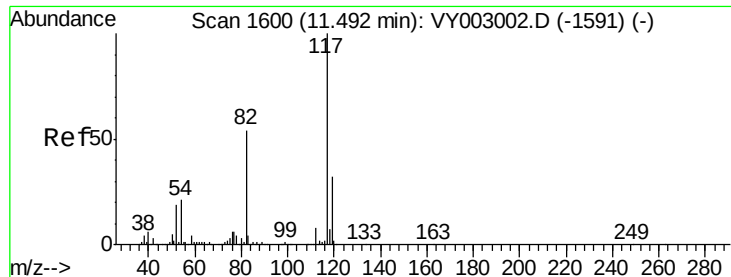
sam
 7/1/2020 10:10:55 PM



#62
 4-Bromofluorobenzene
 Concen: 49.439 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	184.8
176	90.9	0.0	183.0





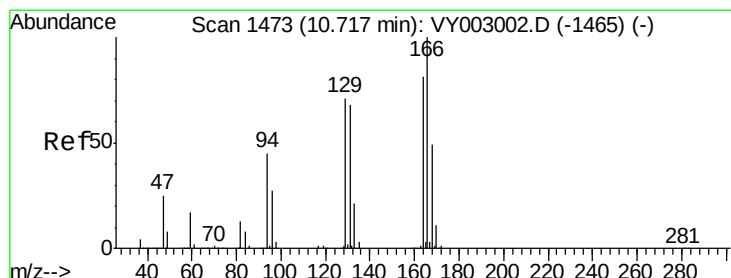
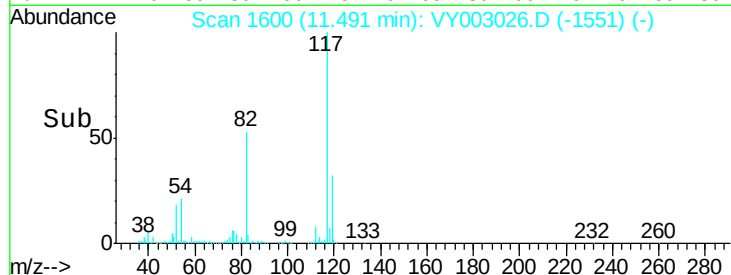
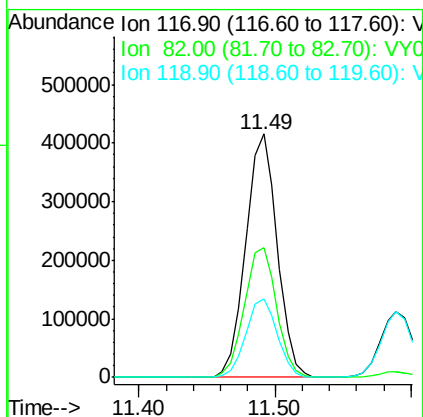
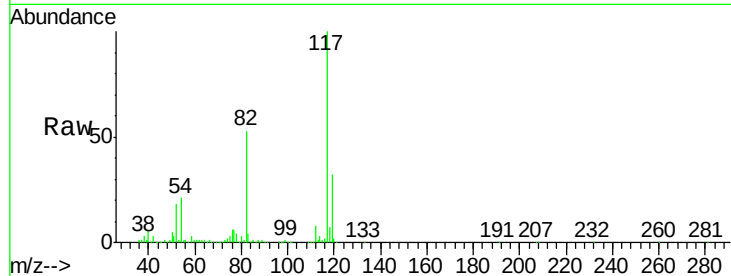
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.6
119	32.1	25.8	38.8

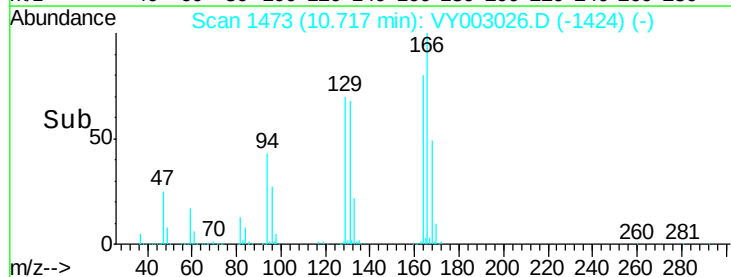
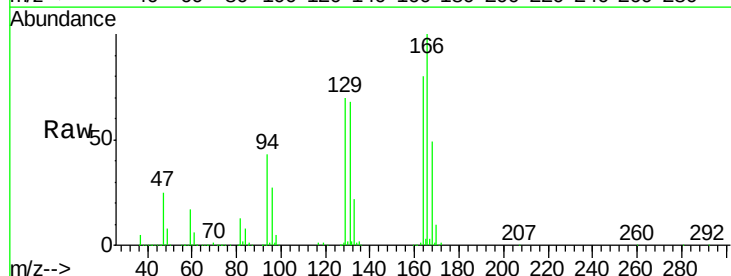
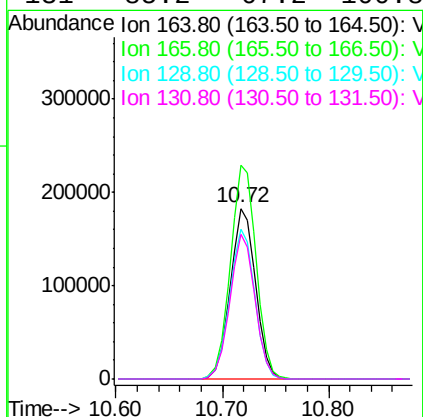
Manual Integrations
APPROVED

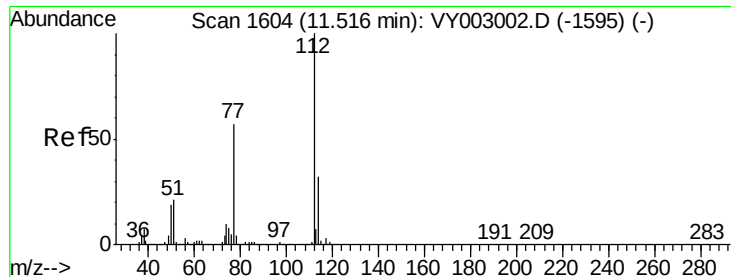
sam
7/1/2020 10:10:55 PM



#64
Tetrachloroethene
Concen: 53.313 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	98.5	147.7
129	87.7	69.7	104.5
131	85.2	67.2	100.8





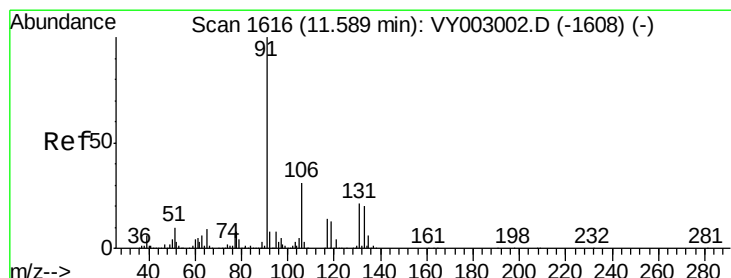
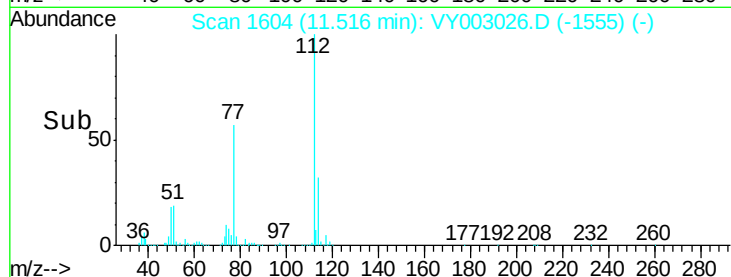
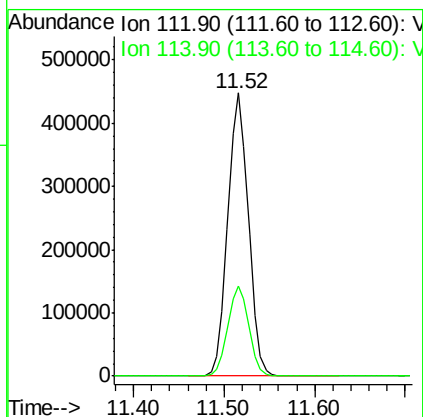
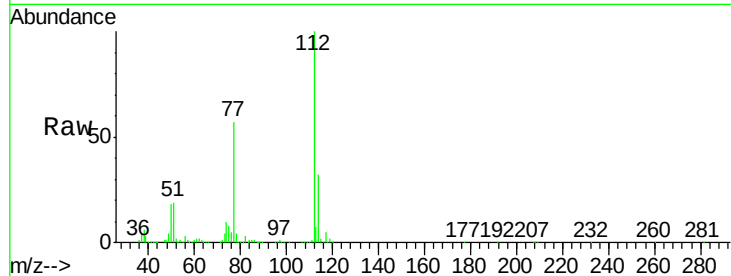
#65
Chlorobenzene
Concen: 53.204 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5

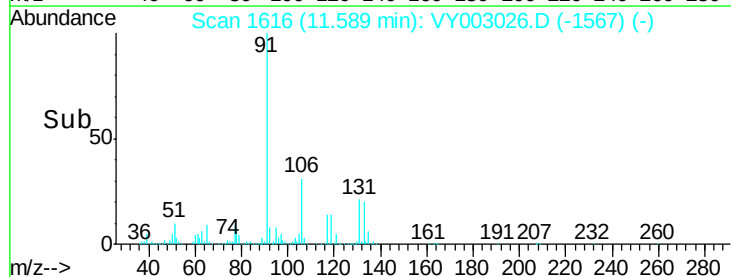
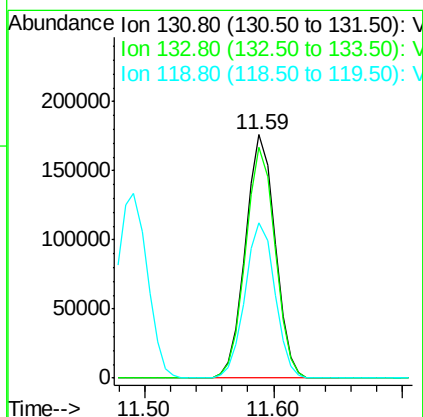
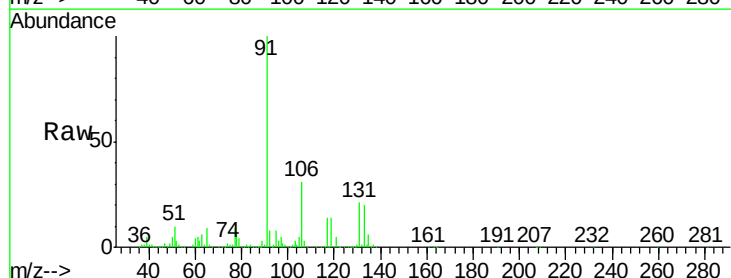
Manual Integrations
APPROVED

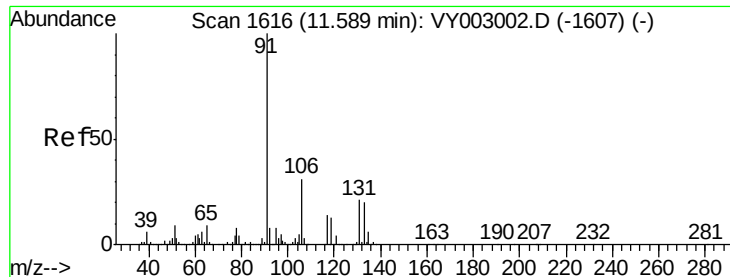
sam
7/1/2020 10:10:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.894 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.9	143.8
119	64.5	31.8	95.3





#67

Ethyl Benzene

Concen: 53.094 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1289179

Ion Ratio Lower Upper

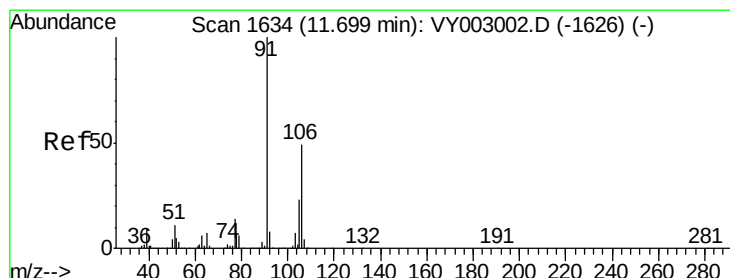
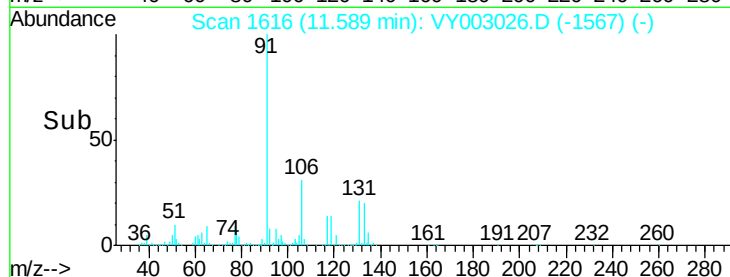
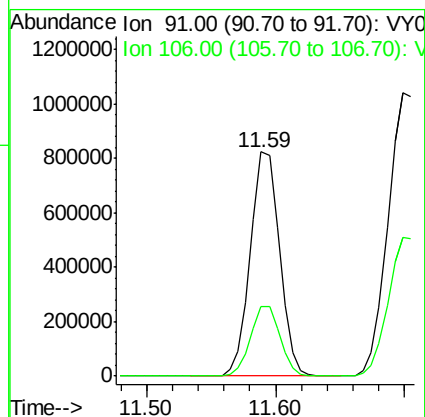
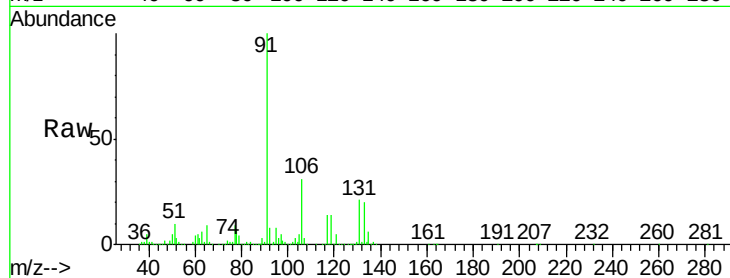
91 100

106 30.8 25.0 37.4

Manual Integrations
APPROVED

sam

7/1/2020 10:10:55 PM



#68

m/p-Xylenes

Concen: 106.567 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003026.D

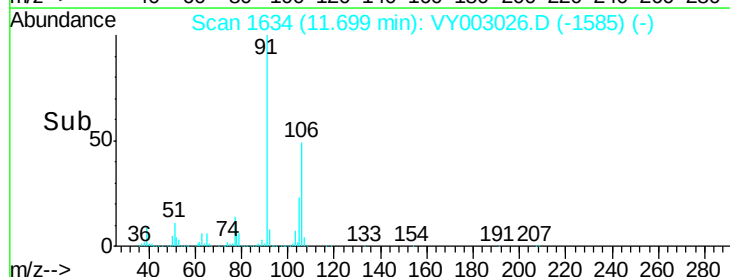
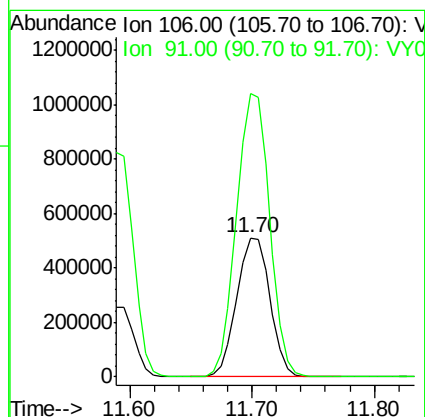
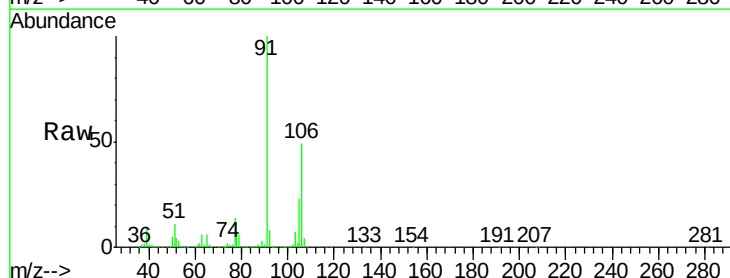
Acq: 30 Jun 2020 10:43

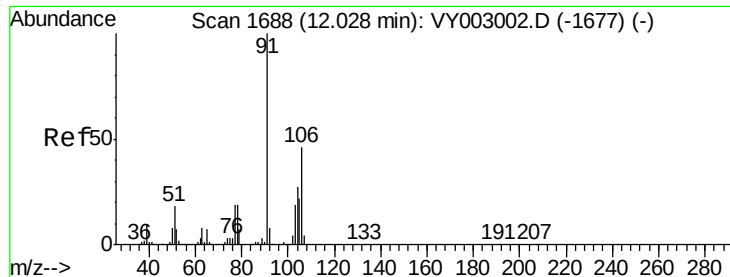
Tgt Ion: 106 Resp: 963037

Ion Ratio Lower Upper

106 100

91 202.9 161.9 242.9





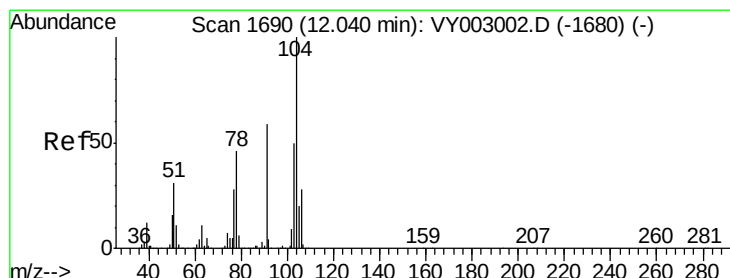
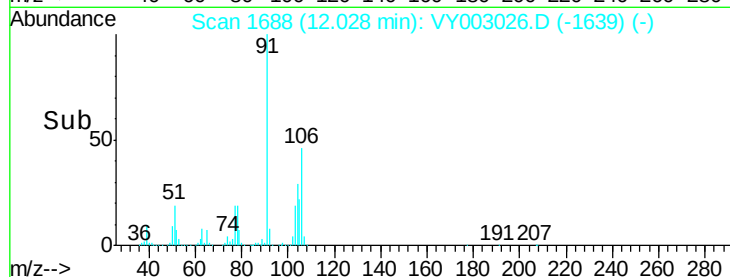
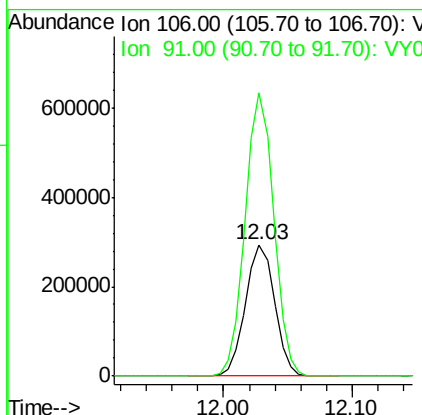
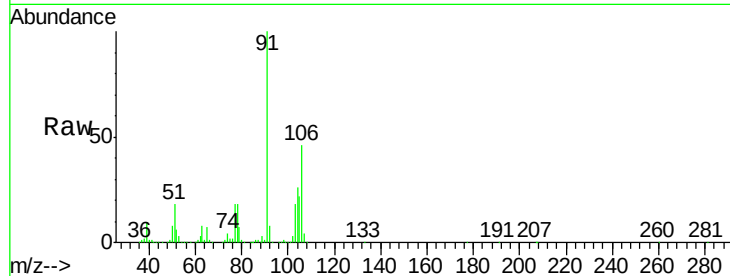
#69
o-Xylene
Concen: 53.785 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.0	107.9	458016	323.8	

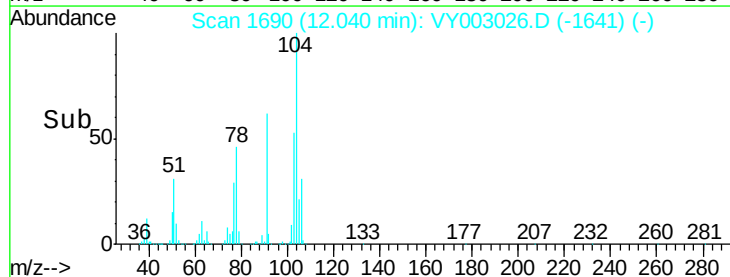
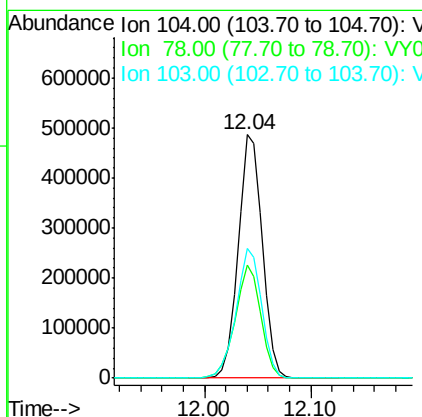
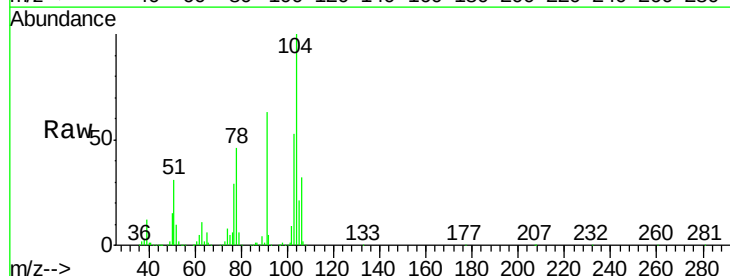
Manual Integrations
APPROVED

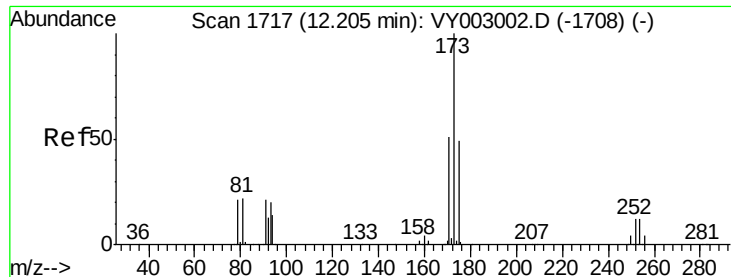
sam
7/1/2020 10:10:55 PM



#70
Styrene
Concen: 53.141 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.4	40.4	773104	60.6	
103	56.4	44.1		66.1	





#71

Bromoform

Concen: 53.326 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

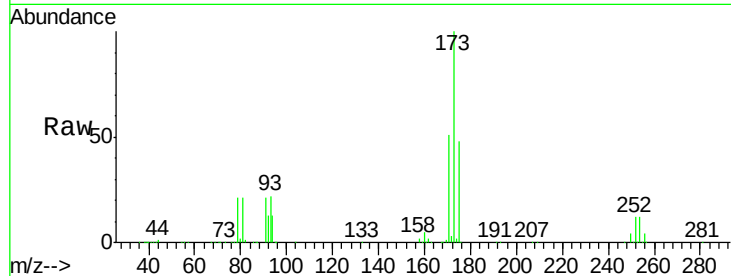
ClientSampleId :

VSTDCCC050

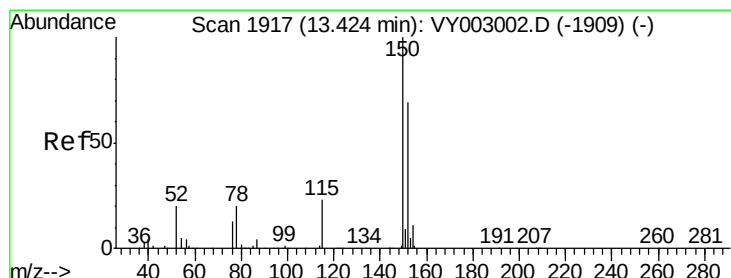
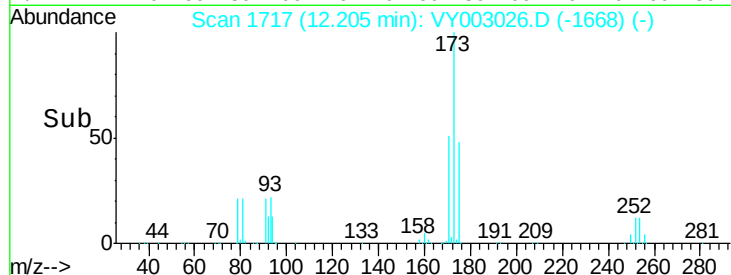
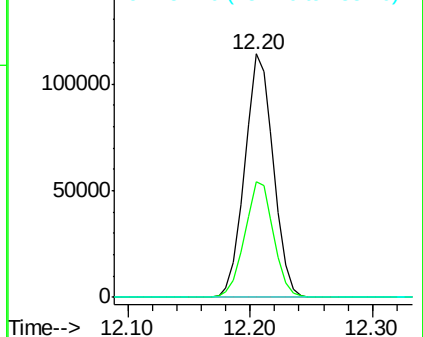
Tot Ion:	173	Resp:	184253
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	73.6
254	0.2	0.2	0.2

Manual Integrations
APPROVED

sam
7/1/2020 10:10:55 PM



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

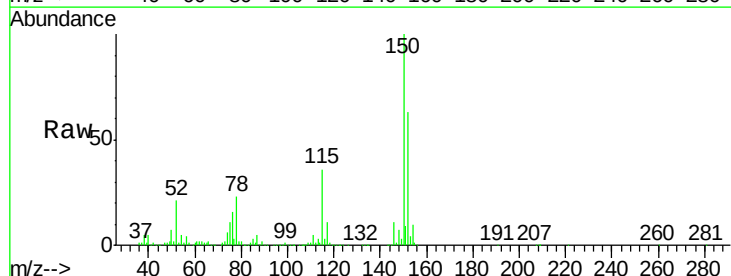
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

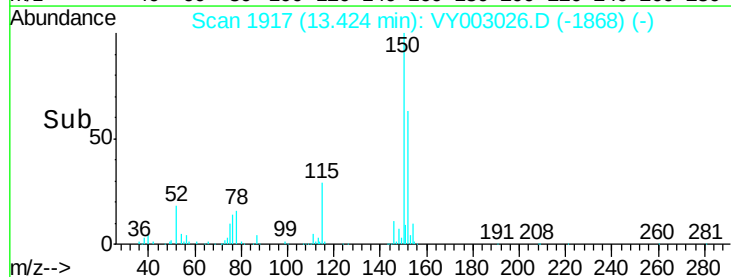
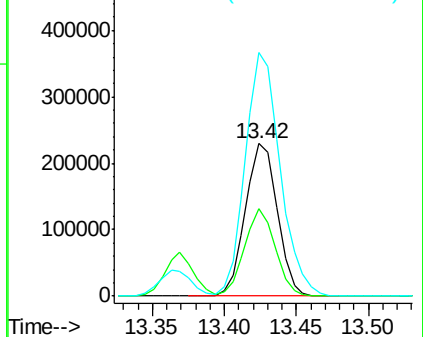
Lab File: VY003026.D

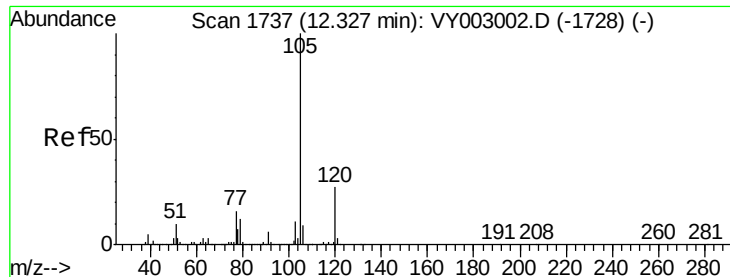
Acq: 30 Jun 2020 10:43

Tgt Ion:	152	Resp:	353154
Ion Ratio	Lower	Upper	
152	100		
115	54.9	27.3	81.9
150	174.1	0.0	343.4



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





#73

Isopropylbenzene

Concen: 54.370 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1256629

Ion Ratio Lower Upper

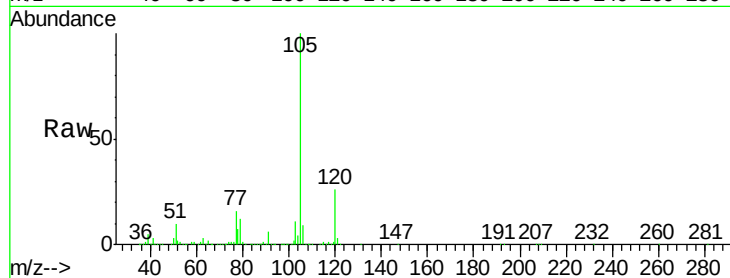
105 100

120 26.8 13.4 40.1

Manual Integrations
APPROVED

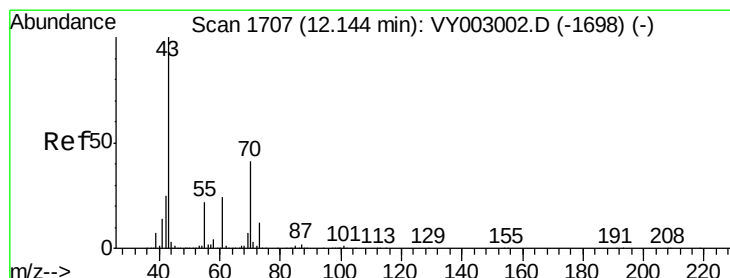
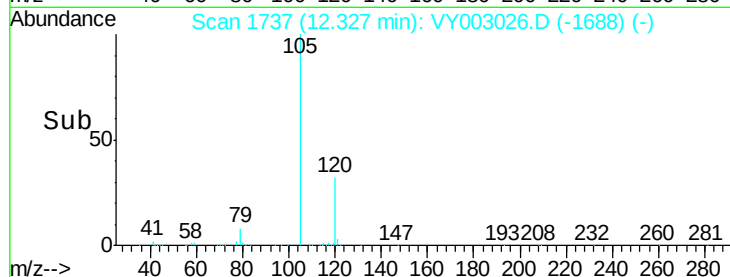
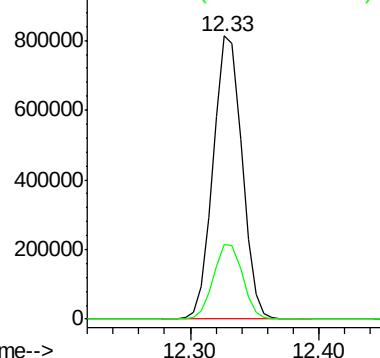
sam

7/1/2020 10:10:55 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.282 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion: 43 Resp: 378331

Ion Ratio Lower Upper

43 100

70 42.5 33.0 49.4

55 23.8 18.2 27.2

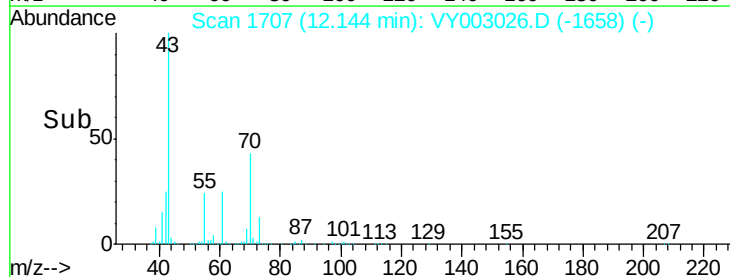
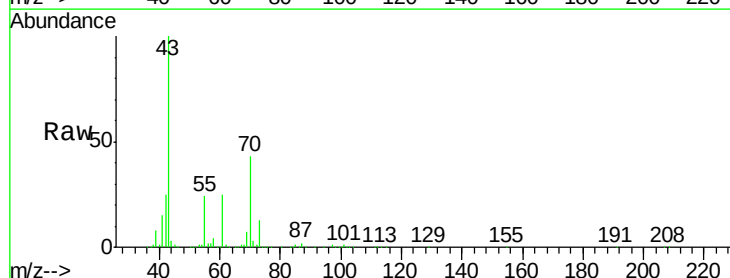
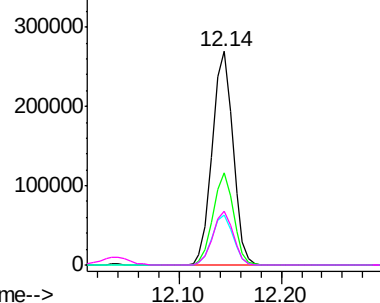
61 24.9 19.4 29.2

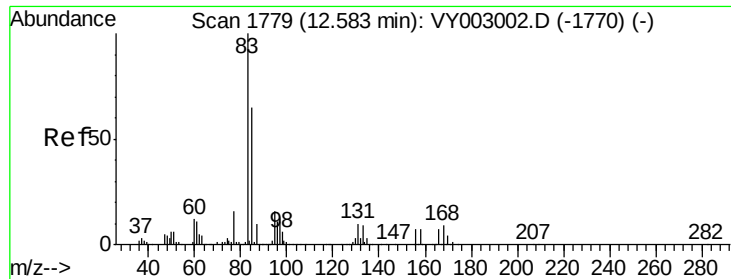
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.406 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

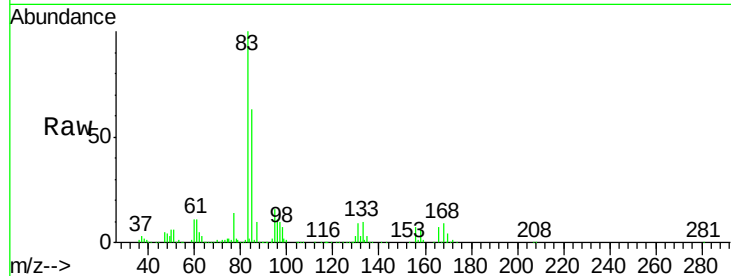
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	244433
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	64.4	32.1	96.3

Manual Integrations
APPROVED

sam
7/1/2020 10:10:55 PM

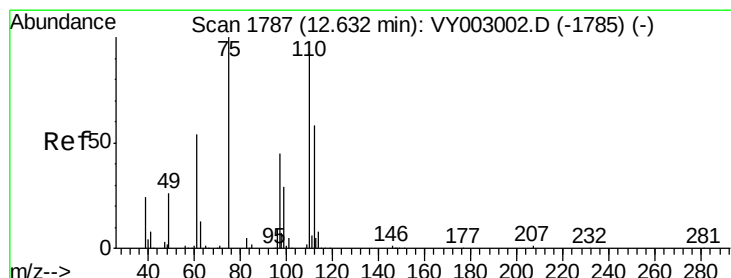
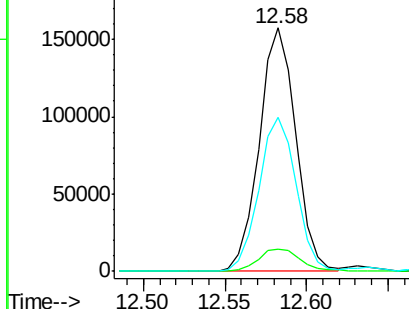
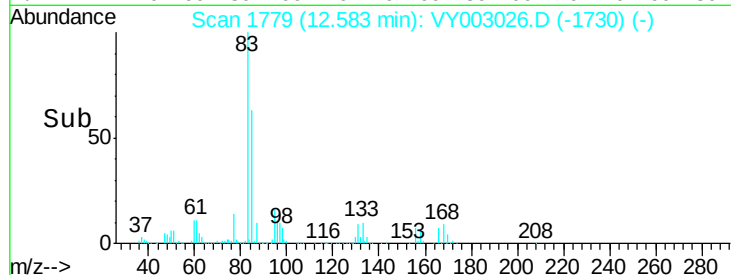


Abundance Ion 82.90 (82.60 to 83.60): VY003002.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY003002.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY003002.D (-1770) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 52.414 ug/l m

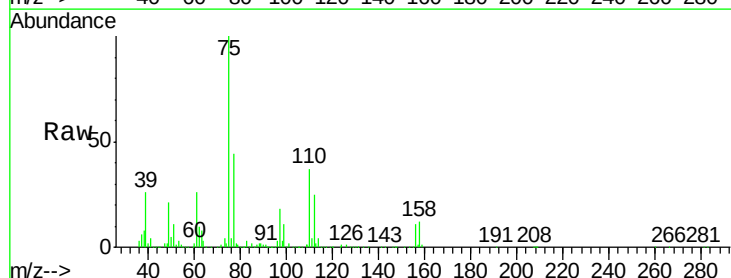
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

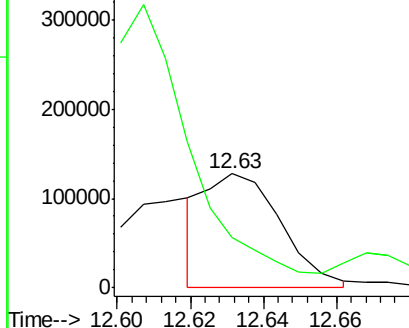
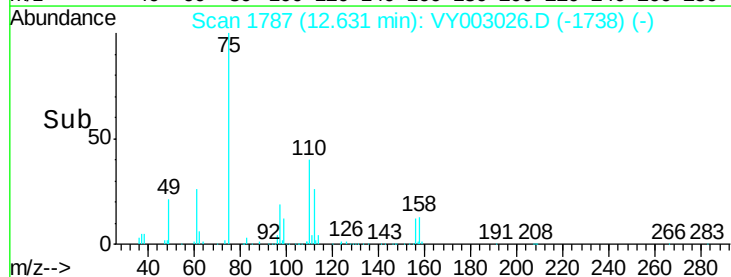
Tgt Ion:	75	Resp:	183193
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

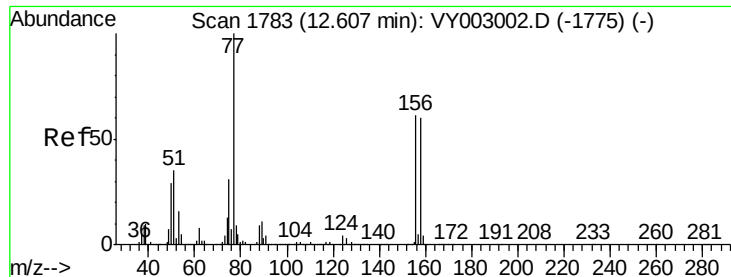


Abundance Ion 74.90 (74.60 to 75.60): VY003002.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003002.D (-1785) (-)

Time-->





#77

Bromobenzene

Concen: 53.474 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

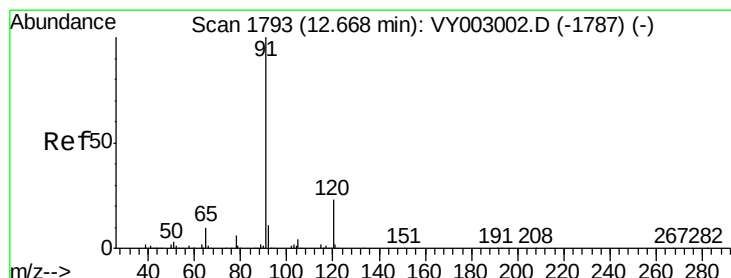
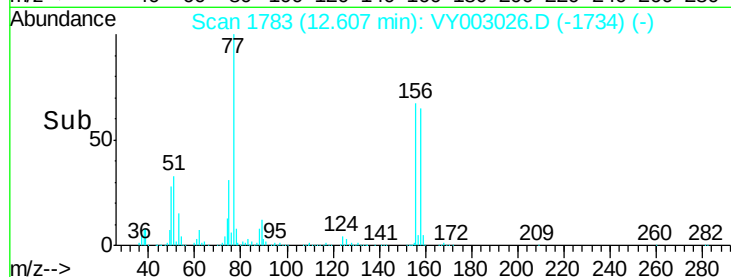
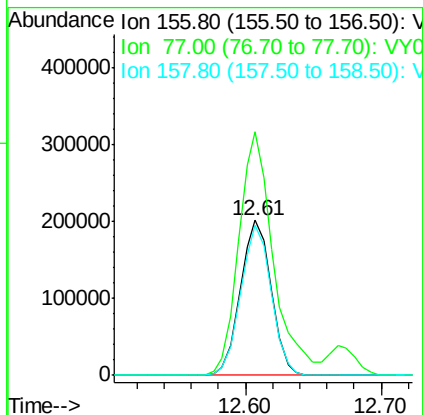
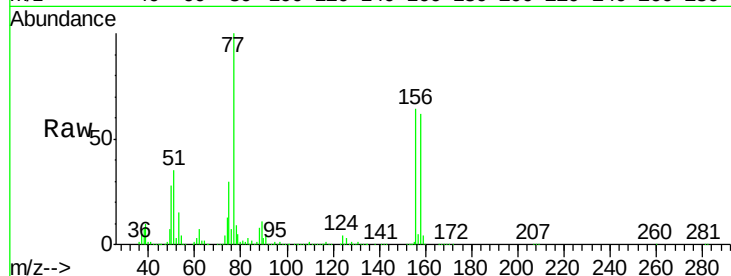
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.7	90.0	270.0
158	96.4	48.5	145.5

Manual Integrations
APPROVED

7/1/2020 10:10:55 PM



#78

n-propylbenzene

Concen: 53.383 ug/l

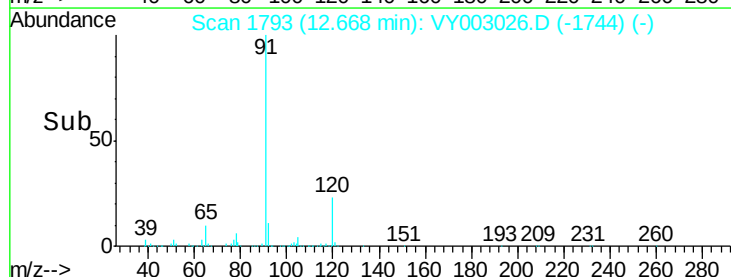
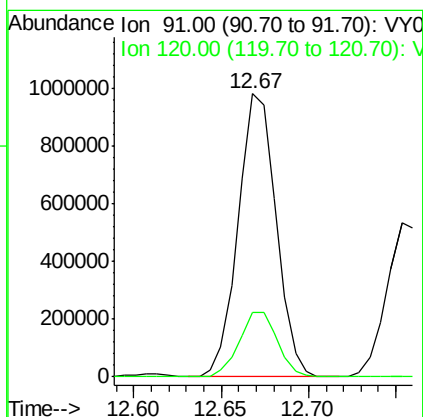
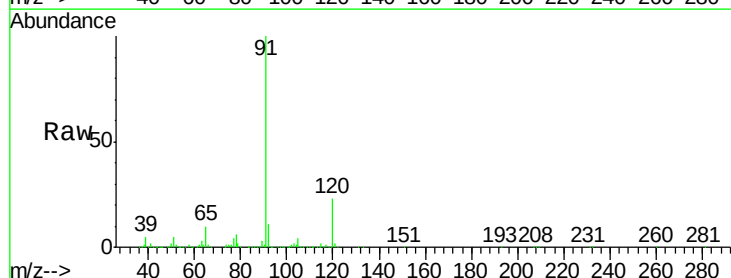
RT: 12.67 min Scan# 1793

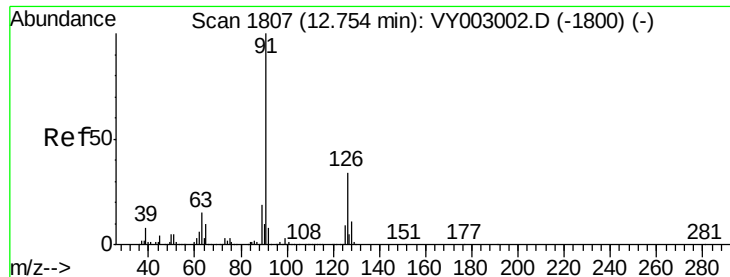
Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.5





#79

2-Chlorotoluene

Concen: 53.893 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 836151

Ion Ratio Lower Upper

91 100

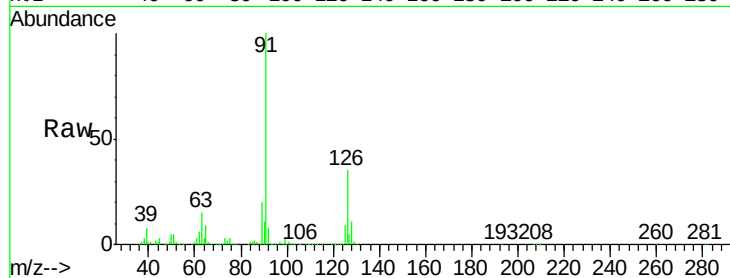
126 34.9 17.1 51.3

Manual Integrations

APPROVED

sam

7/1/2020 10:10:55 PM



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003002.D (-1800) (-)

600000

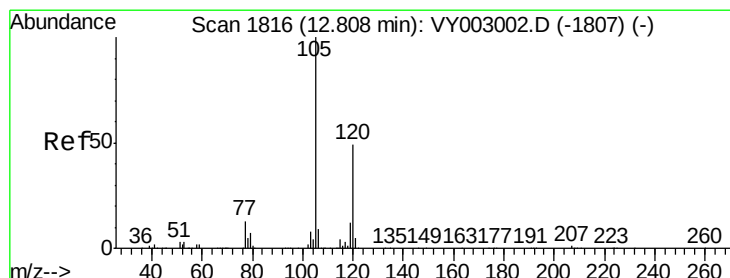
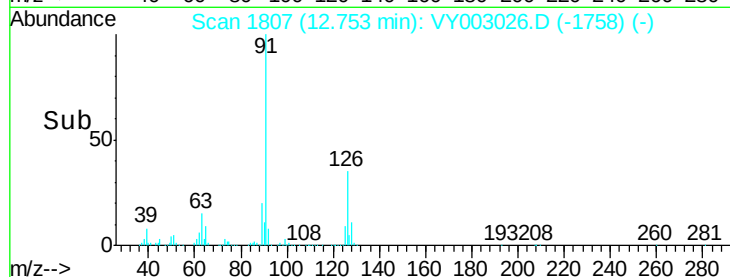
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.835 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003026.D

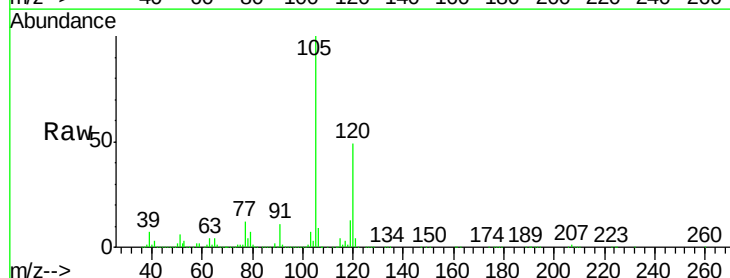
Acq: 30 Jun 2020 10:43

Tgt Ion: 105 Resp: 1044113

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003002.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003002.D (-1807) (-)

800000

600000

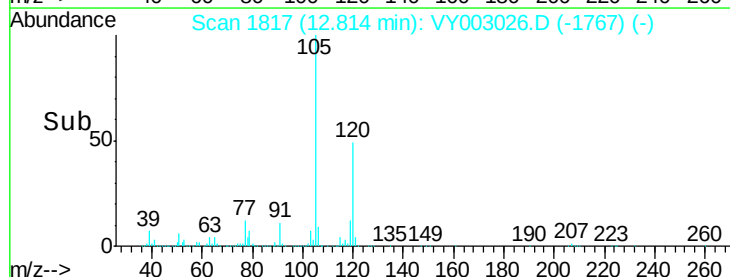
400000

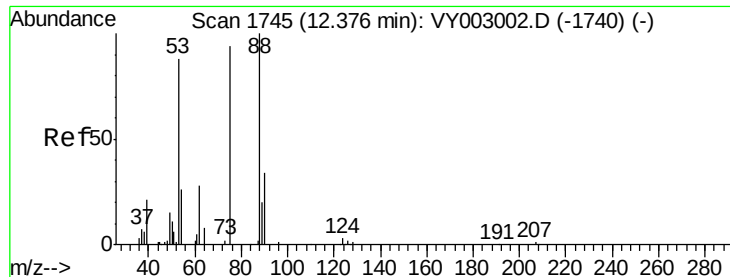
200000

0

12.70 12.80

Time-->





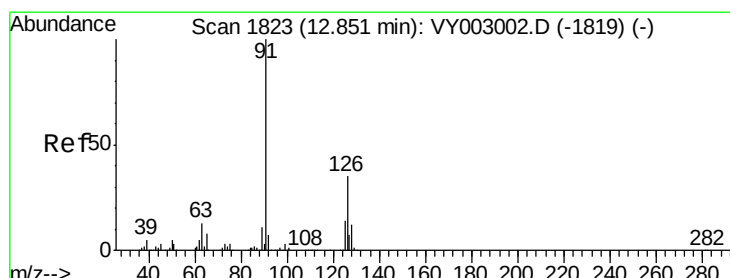
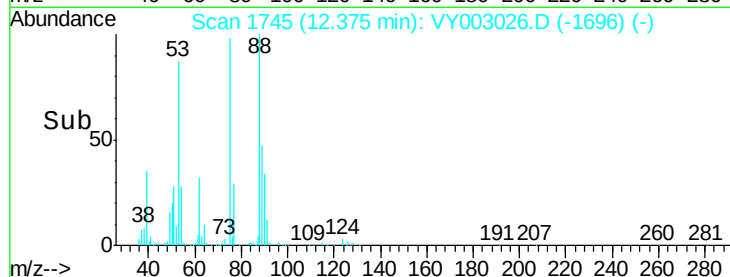
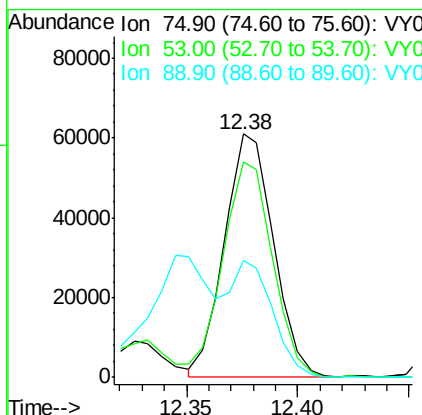
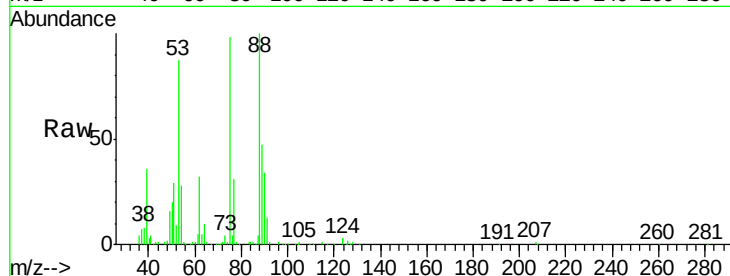
#81
trans-1,4-Dichloro-2-butene
Concen: 51.724 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.0	73.9	110.9
89	43.0	37.5	56.3

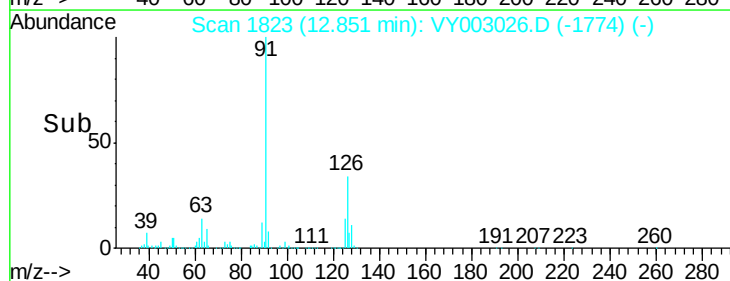
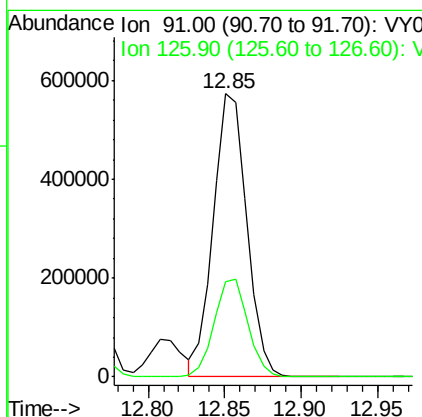
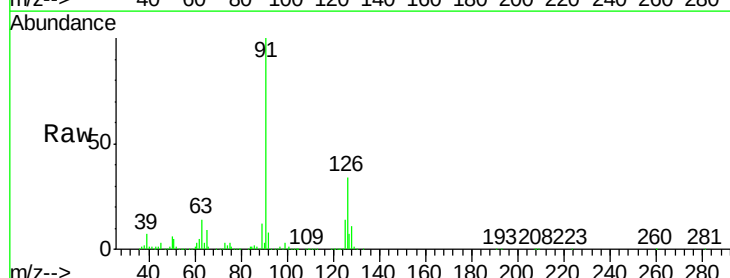
Manual Integrations
APPROVED

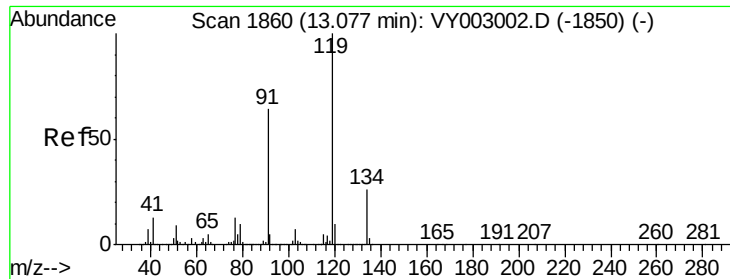
sam
7/1/2020 10:10:55 PM



#82
4-Chlorotoluene
Concen: 53.871 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.4	52.3





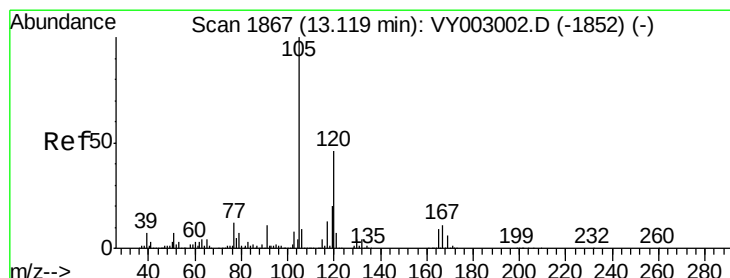
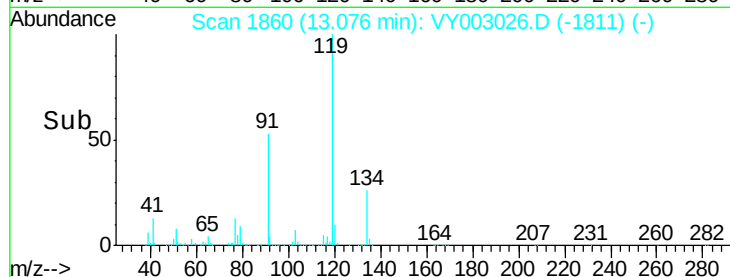
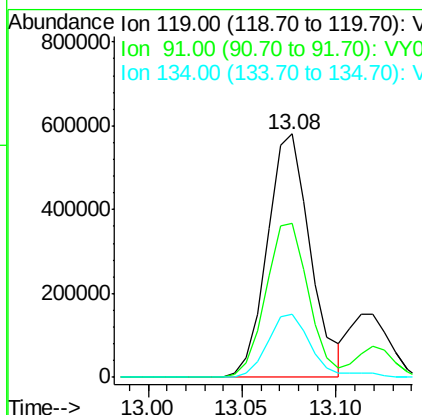
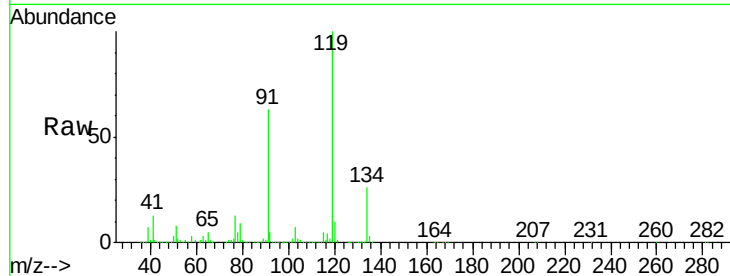
#83
tert-Butylbenzene
Concen: 54.091 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.6	95.0
134	26.9	13.2	39.5

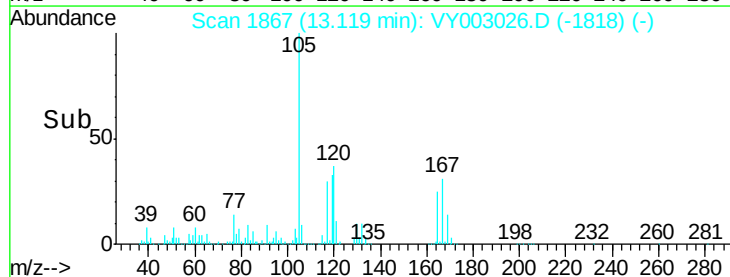
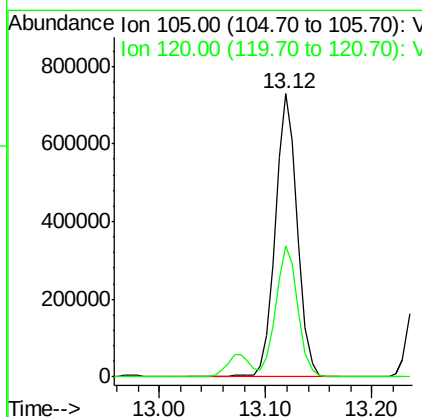
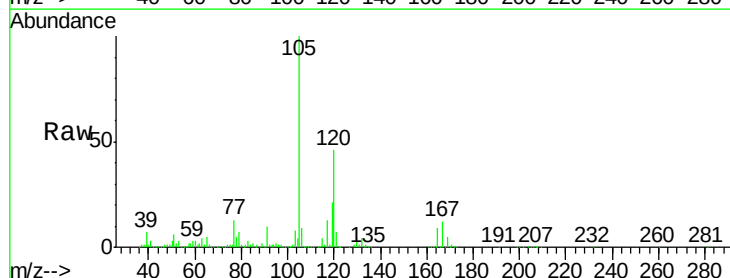
Manual Integrations
APPROVED

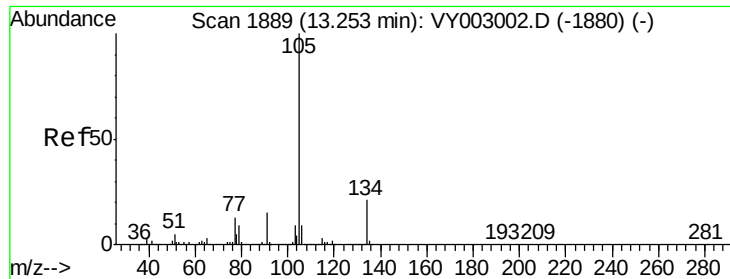
sam
7/1/2020 10:10:55 PM



#84
1,2,4-Trimethylbenzene
Concen: 53.418 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 54.215 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1272593

Ion Ratio Lower Upper

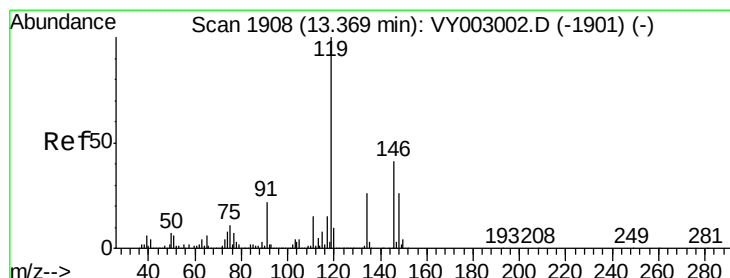
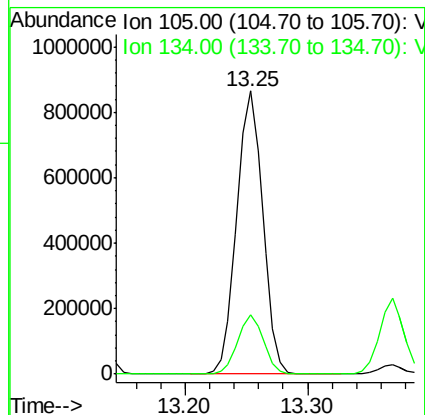
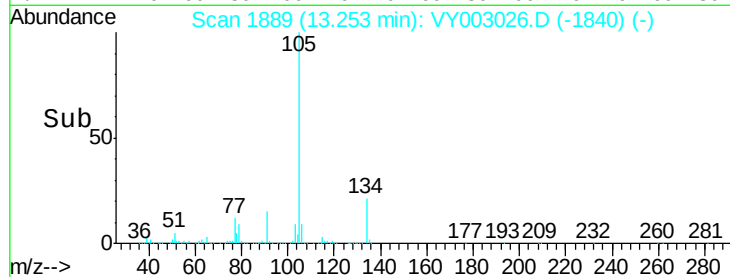
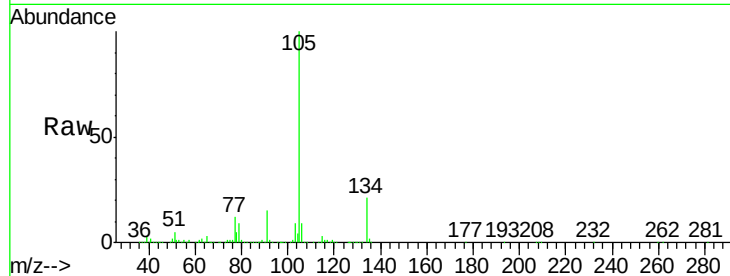
105 100

134 20.7 10.4 31.2

Manual Integrations
APPROVED

sam

7/1/2020 10:10:55 PM



#86

p-Isopropyltoluene

Concen: 54.654 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

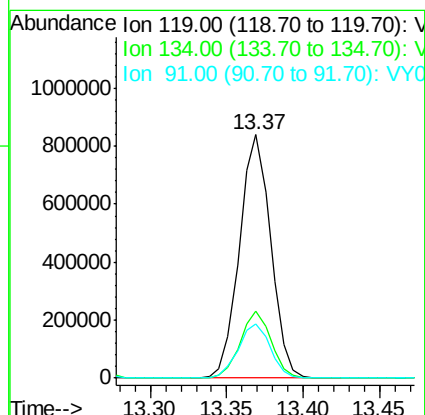
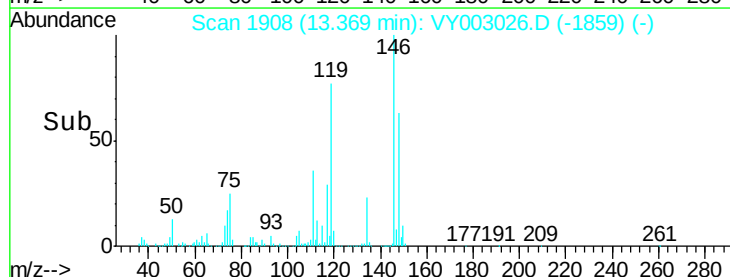
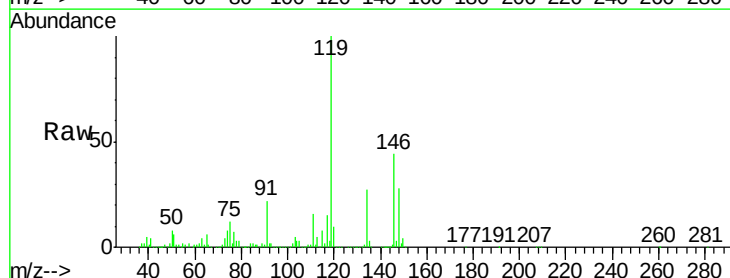
Tgt Ion:119 Resp: 1188772

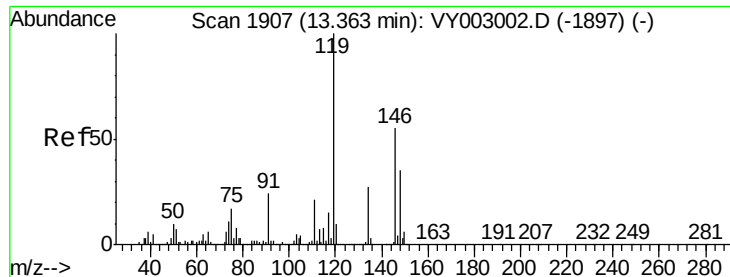
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.6 11.5 34.5





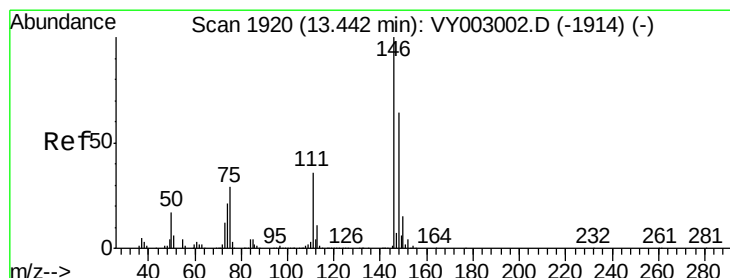
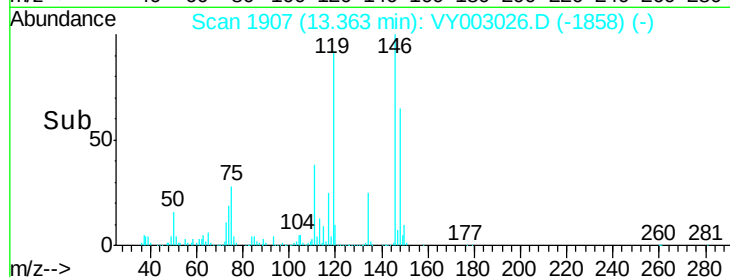
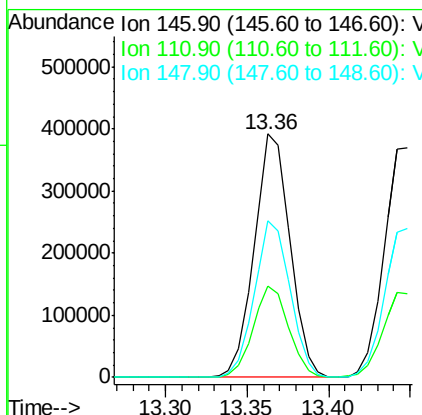
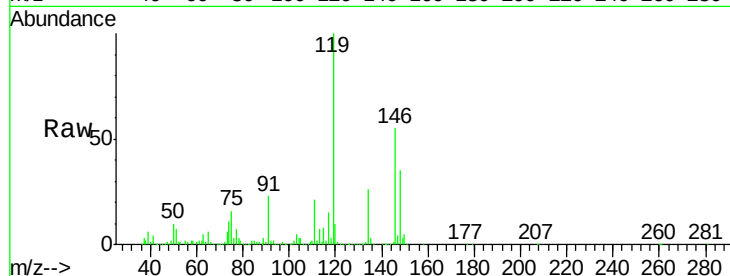
#87
 1,3-Dichlorobenzene
 Concen: 53.817 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	64.3	31.8	95.3

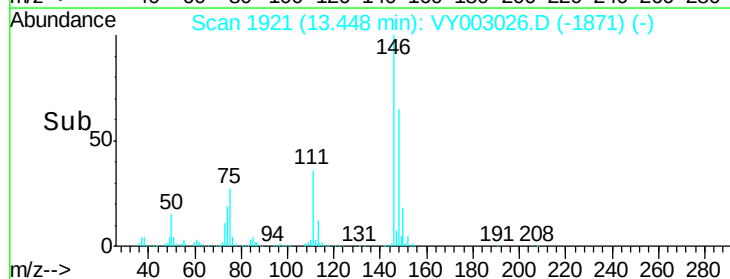
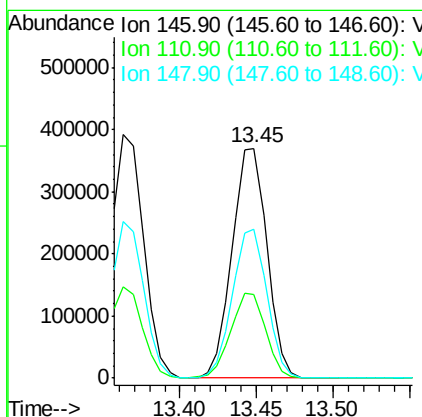
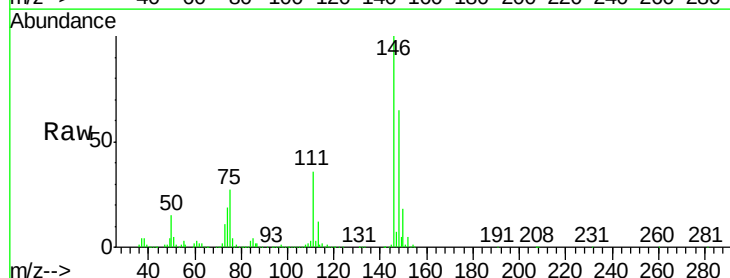
Manual Integrations
 APPROVED

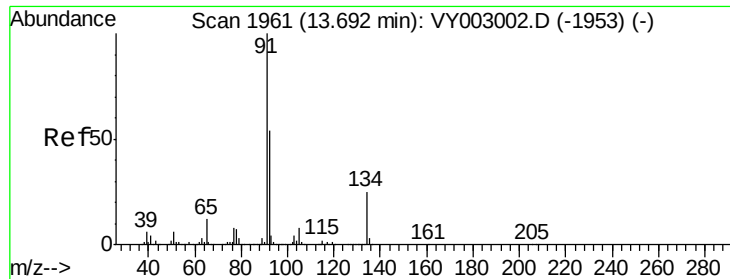
sam
 7/1/2020 10:10:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 53.651 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.4
148	64.2	32.3	96.9





#89

n-Butylbenzene

Concen: 54.631 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Instrument :

MSVOA_Y

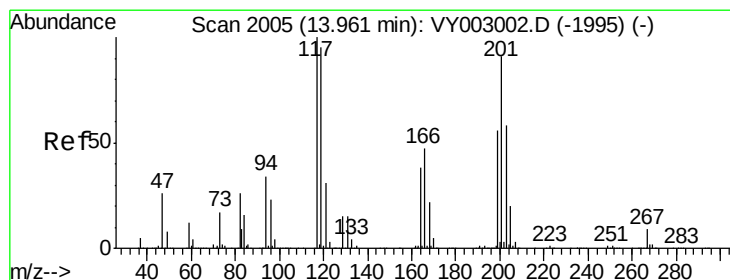
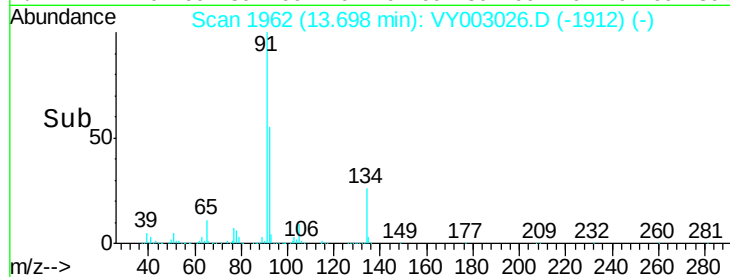
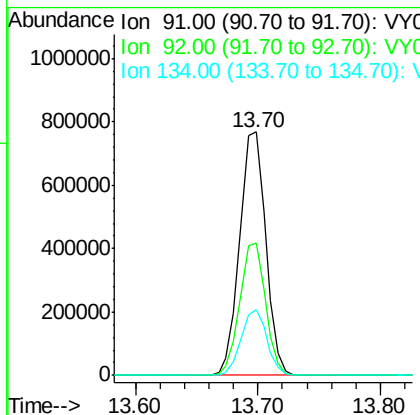
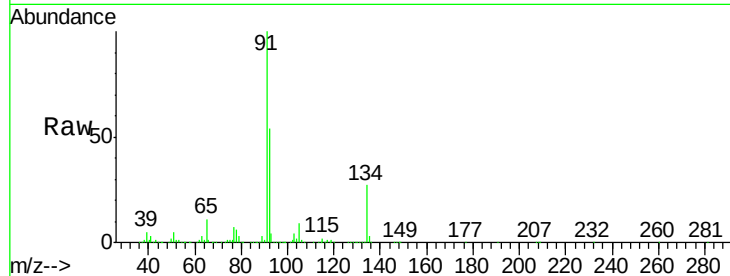
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	1136916
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.8	80.3
134	26.5	13.1	39.1

Manual Integrations
APPROVED

Sam
7/1/2020 10:10:55 PM



#90

Hexachloroethane

Concen: 54.167 ug/l

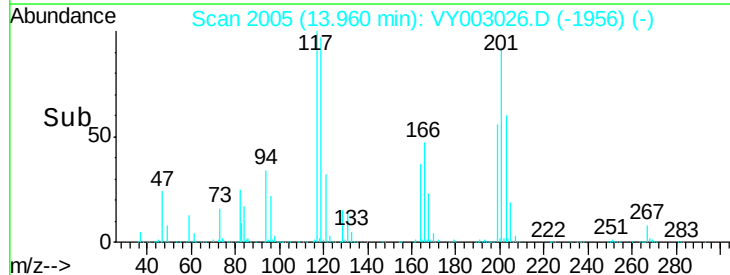
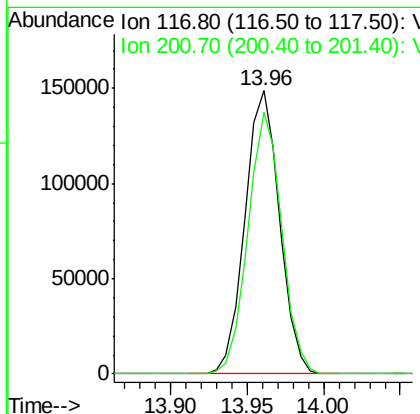
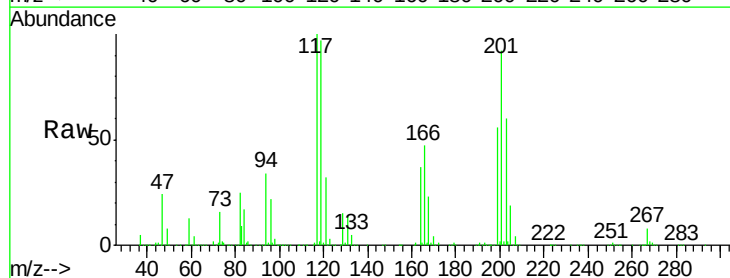
RT: 13.96 min Scan# 2005

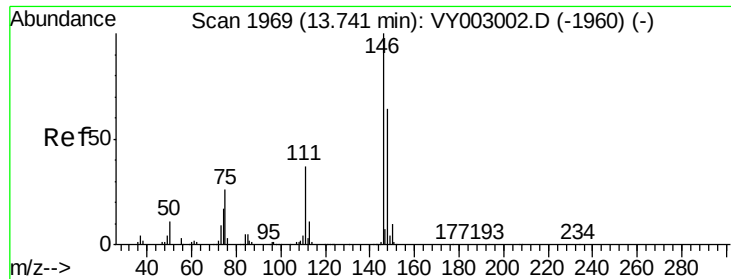
Delta R.T. -0.00 min

Lab File: VY003026.D

Acq: 30 Jun 2020 10:43

Tgt Ion:	117	Resp:	233950
Ion	Ratio	Lower	Upper
117	100		
201	90.4	45.5	136.4





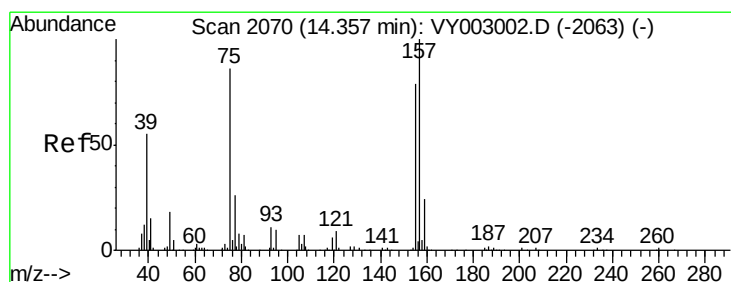
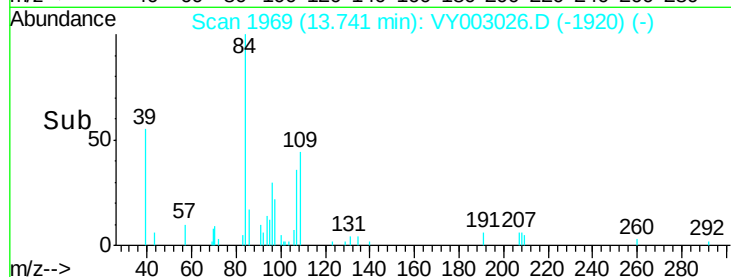
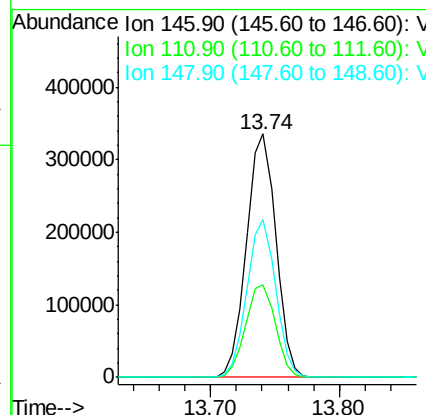
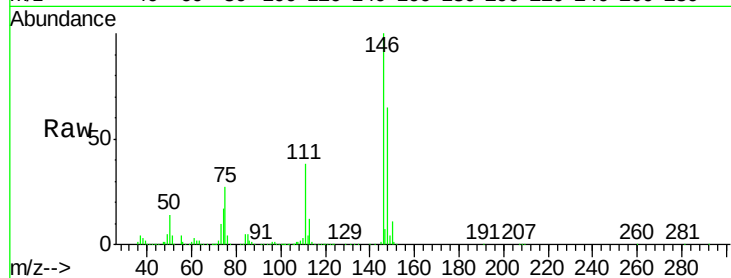
#91
 1,2-Dichlorobenzene
 Concen: 53.212 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	63.7	31.8	95.3

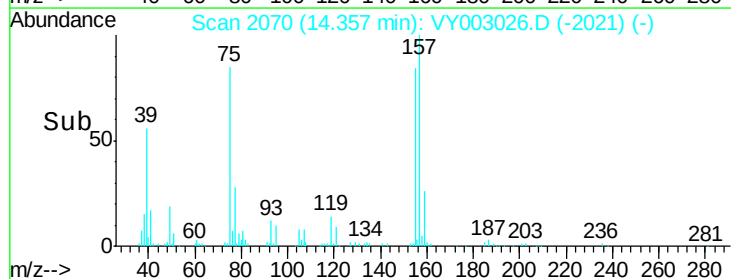
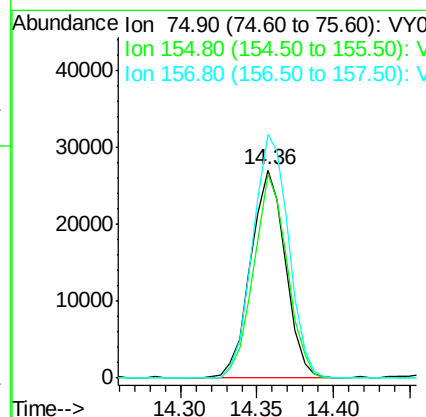
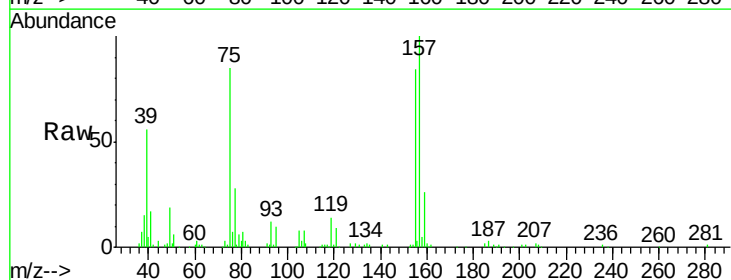
Manual Integrations
 APPROVED

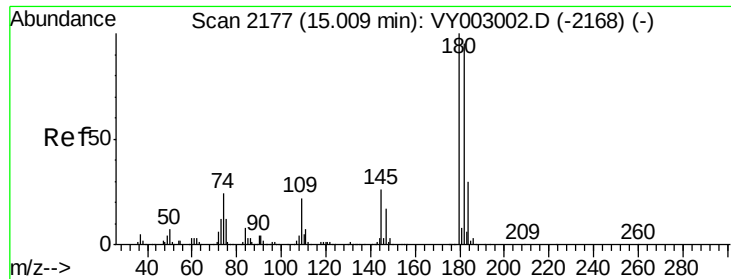
sam
 7/1/2020 10:10:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.581 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	46.5	139.3
157	120.8	59.2	177.5





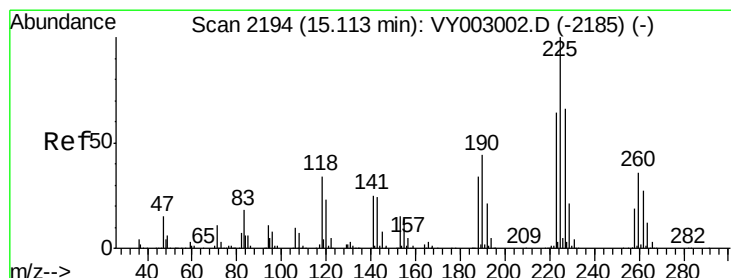
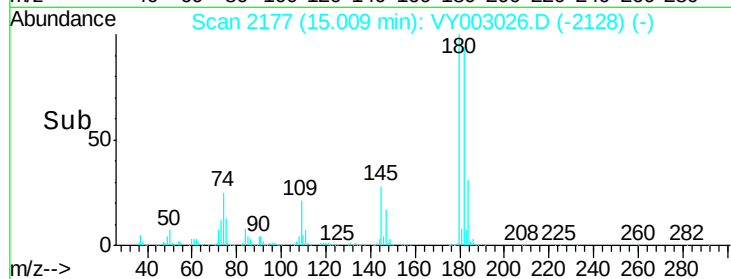
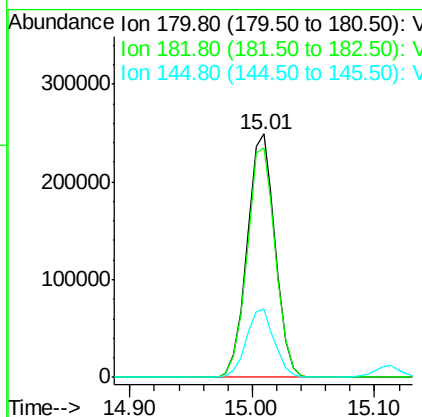
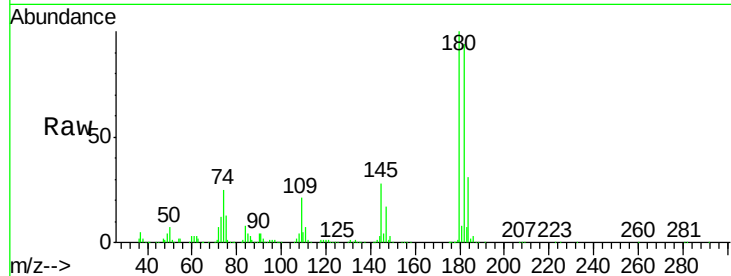
#93
 1,2,4-Trichlorobenzene
 Concen: 53.575 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	395170		
182	95.4	48.1	144.3	
145	28.1	13.9	41.6	

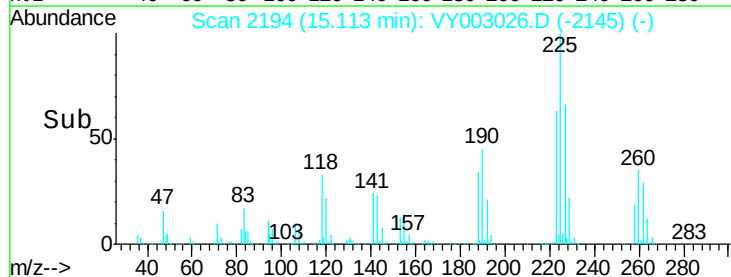
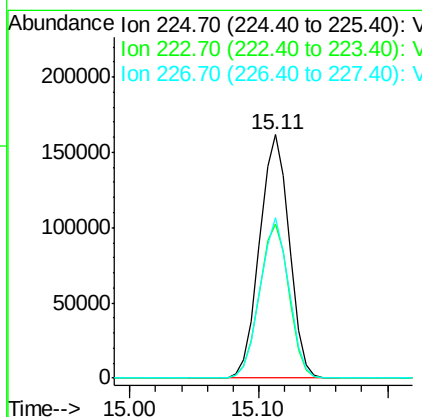
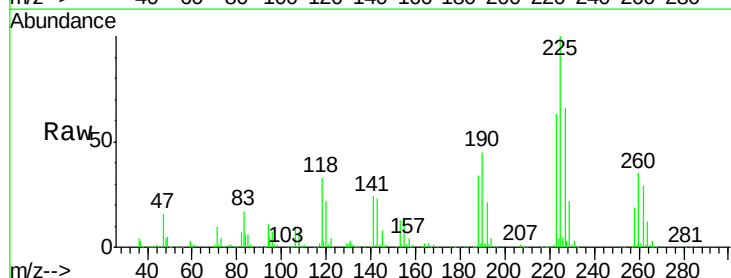
Manual Integrations
 APPROVED

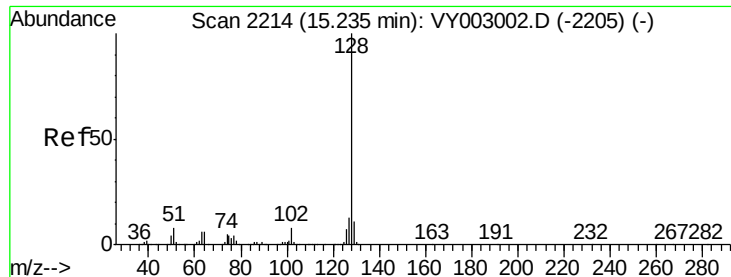
sam
 7/1/2020 10:10:55 PM



#94
 Hexachlorobutadiene
 Concen: 55.133 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003026.D
 Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	256508		
223	63.2	32.4	97.0	
227	64.0	32.4	97.2	





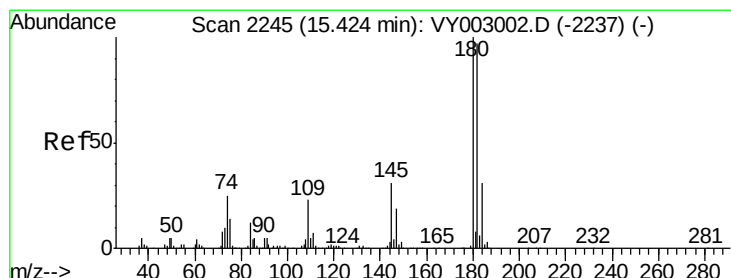
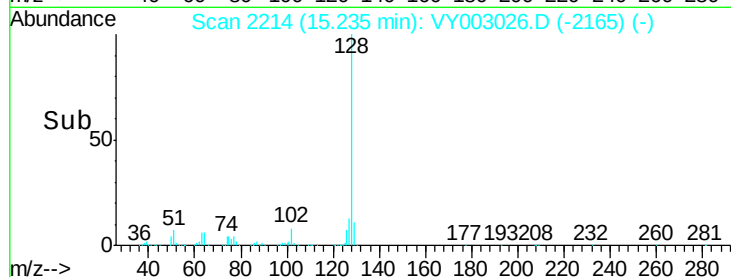
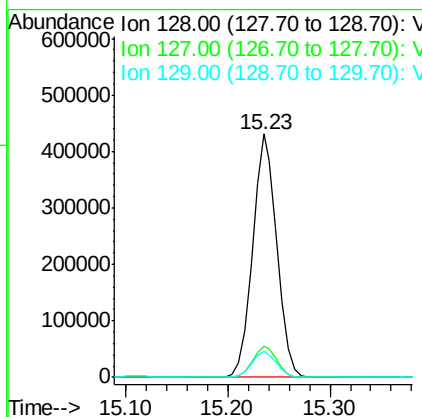
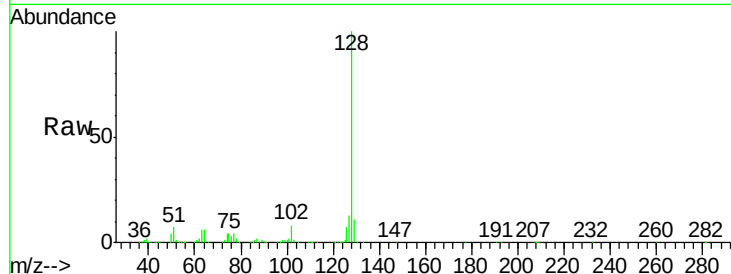
#95
Naphthalene
Concen: 52.586 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	708464		
127	13.0		10.8	16.2
129	10.9		8.8	13.2

Manual Integrations
APPROVED

sam
7/1/2020 10:10:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.735 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003026.D
Acq: 30 Jun 2020 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337759		
182	97.1		47.8	143.3
145	29.1		14.7	44.1

